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CITY OF MELROSE
MASSACHUSETTS

Annual Reports
1915

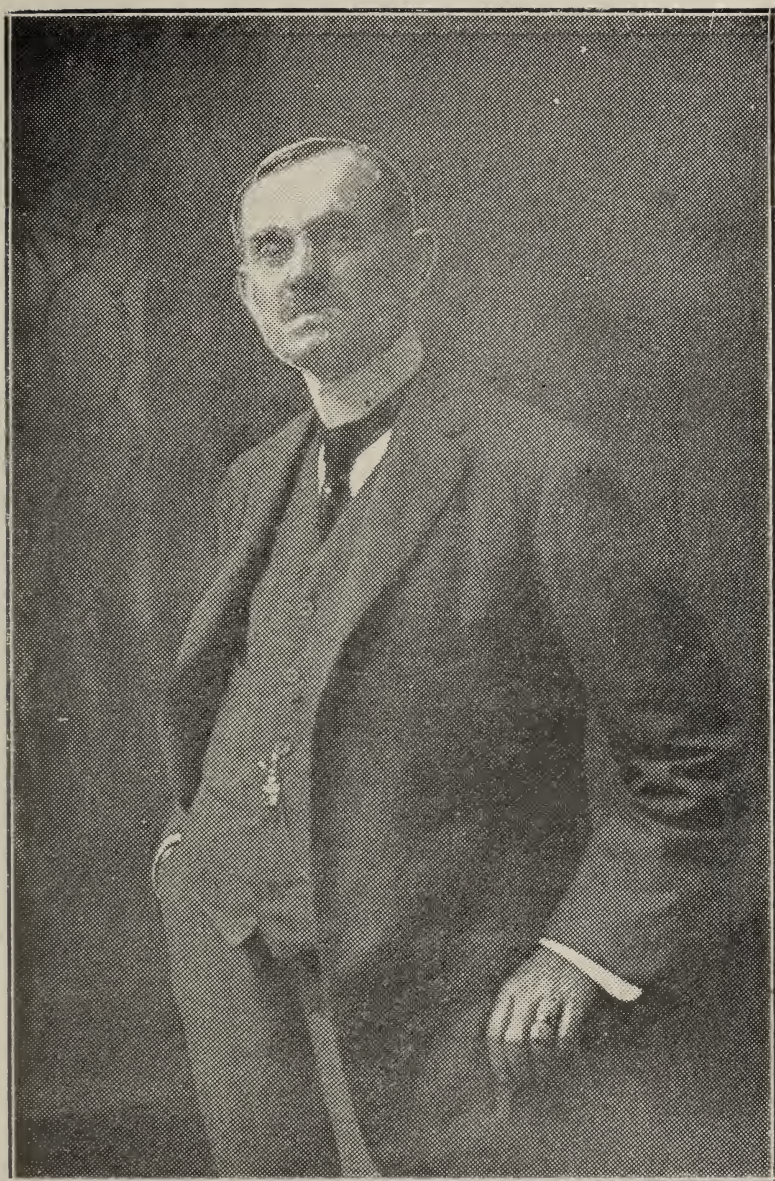
WITH

Mayor's Inaugural Address
Delivered January 4th, 1915



PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN,
UNDER THE DIRECTION OF THE CITY CLERK
AND SPECIAL COMMITTEE

MELROSE, MASS.
THE MELROSE FREE PRESS, INC.
1916



CHARLES H. ADAMS
MAYOR



INAUGURAL ADDRESS
HON. CHARLES H. ADAMS
MAYOR OF MELROSE
Delivered January 4th, 1915.

Gentlemen of the Board of Aldermen, Citizens, Ladies and Gentlemen:

I congratulate the people of Melrose upon the fine reputation of the city during the administration of the retiring Mayor, Hon. Oliver B. Munroe, and his unquestioned integrity in the conduct of its affairs.

As stated by the financial officers, there is coming due this year \$52,000.00 in debts of the city which must be paid. This \$52,000 must be paid from taxes. It cannot be paid without an increase in the tax rate. The rate of \$21.70, which is already too high, must be increased in order that these notes may be paid.

In the anticipated revenue of 1914 there is a deficiency of \$20,452.13, which must be paid up in the taxes of this year, which compels a further increase in our tax rates.

In the Budget of 1914 there was appropriated from "Anticipated Receipts" \$55,000—but the "anticipated receipts" actually amounted to \$35,000. The \$55,000 was not only estimated, but the amount was borrowed in anticipation and spent. This shrinkage was mainly in corporation taxes, is equal to a shrinkage of a million dollars in real estate. To make good this loss, we need to build at least 300 new houses of average value.

Since the budget was passed last March, a considerable sum has been expended in anticipation of the taxes of this year.

We must appropriate \$17,000 for our sinking fund towards the liquidation of sinking fund bonds.

We must appropriate \$38,000 for interest on our debts.

Therefore \$135,000 of our income for 1915 is gone before we begin our work.

Our interest charges are over \$1,000 a week; \$150 a day, or enough to keep 60 men employed all the time.

Our most serious financial trouble is the shrinkage in corporation taxes, and this shrinkage is likely to continue a year or two longer.

Financially Sound

Although, by lack of financial foresight, we have too large a proportion of our debts coming due this year, causing unusual anxiety, and an increase tax rate, we can boast that our city is financially sound; our credit high and our net debt very moderate, among the cities of similar size and valuation.

Our net debt is a little less than \$500,000 and the value of the property owned by the city is over \$2,000,000.

Revaluation of Real Estate

From 1890 to 1901 the value of land in the City doubled in value. From 1902 to 1914 the value has not been increased, but through certain adjustments and land takings by the City the value of the land has actually decreased about †\$150,000.

I urge a complete revaluation of real estate, and unless we shall find thereby largely increased value, we shall have a much higher tax rate.

The assessed valuation of land has not been increased in a dozen years. In that time we have gained in population, expended enormous amounts of money in streets, walks, water supply, sewers, drainage, public and private buildings, parks, schools, and everything that has made living here desirable and attractive. If we have not in all these ways made real estate more valuable than it was, then we have made a failure of it.

In order that real estate shall not bear too large a share of the burden of taxation, I urge that personal property and income, evidence of which is seen by everyone all the time, shall be taxed according to the law.

†Value of land 1901	\$5,993,025
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Efficiency of Administration

With our pressing financial situation and our many demands, the people look to the City Government for improved methods of business, for greater efficiency in administration, for stricter accounting and economy.

We must stretch every dollar to its full limit of service. We have eliminated party politics from our city elections, and we must keep the business of the City, our appointments and our labor free from political methods. We must adopt the methods of the best private business concerns.

There is a provision of the City Charter which relates to the Aldermen, which provides that "No member of the Board of Aldermen shall do business directly or indirectly with the city, make contracts or purchase supplies." It is Section 18.

This section, so far as I know, has never been violated. Men have given up their business relations with the city in order to serve on the Board of Aldermen and in the spirit of this section. It is the very soul of good public service.

I suggest that by ordinance the spirit of this section shall be extended to various departments of the City.

Unpaid Boards

Several of the department boards now receiving a small compensation should have unpaid boards. The compensation is too small to attract service on that basis.

Public service which does not conflict with one's ordinary business, or profession, should be unpaid.

Our Board of Charity should be unpaid, save only the chairman who serves as executive officer.

The Board of Health should be unpaid, save only the chairman who serves as executive officer.

The Cemetery Committee should be unpaid.

In our own city the Board of Aldermen, School Committee, Park and the Sinking Fund Commission and the Library Trustees serve without pay.

In this State many of the great boards that have made Massachusetts famous for good service serve without compensation. Trustees of banks, hospitals and colleges serve without pay.

All these boards should have three-year terms as a term of one year lends itself too rapidly to political influence and frequent change of policy.

Schools

The largest item of cost is our public schools, amounting to over \$100,000 a year.

We should be proud of the fact that our High School is the largest in proportion to population in the United States. It indicates the fine class of citizens who send their children through the High School instead of sending them into employments after the grammar grade. We have 2800 pupils. The cost per pupil is \$38.95, while the average through the State is \$40.41. No department of the City prepares such accurate and informing reports of its finances as the school department.

There is no item of expense than can be greatly reduced and the salaries of our teachers are below those paid for talent of equal grade in any department of ordinary business, and in many cities of the state.

The membership of our High School is at the maximum. After this year it will decline and reduce our expenses somewhat. Whenever the City is financially able to do so, I look forward to the establishment of an Industrial School. At present, under a suitable plan, provided by law, we send a few pupils to the industrial schools in Boston and Somerville. But we shall not long be satisfied to do this. It does not develop the industrial side. We shall have such a school of our own which is sure to become as important as our commercial school. Many of us regret to see the old schoolhouse on Grove Street going to decay, positive injury to the locality, and a fire menace.

Public Library

The Public Library is a source of pride, for its beautiful building, fine administration and service, but we must find ways of a larger circulation of books. Branches should be established, and especially one at the Highlands.

The circulation of books at our library compares well with that of other cities, but it is far below what it should be for its cost. The cost per copy is too large.

The question of convenient distribution, a larger circulation, branches, and book-cases in co-operation with other organizations is earnestly recommended.

The small branch in the Southeast Section is an example of what may be done elsewhere.

Public Works Department

No department of the City should be more completely a business affair than our department of public works. It calls for a clean-cut business administration. Political methods and influences have no place here.

It has charge of the construction and repairs of 50 miles of streets and 100 miles of sidewalks of every grade and condition.

It runs a large stable.

Buys supplies and makes contracts.

Manages a water system that cost \$500,000, that serves 4,000 water takers, keeps the accounts with 4,000 meters, has 53 miles of water pipes to keep in repair and is extending new lines all the time.

It runs a stone crusher.

It does street sprinkling business over many miles and employs many men.

It has charge of the Memorial Building and the City Hall Building.

It manages and repairs 43 miles of sewers, and is constantly extending a system which cost half a million dollars and is connected with almost every home.

It collects ashes and rubbish from 4,000 residences.

It manages and repairs and extends a surface drainage system which cost \$150,000.

It has a division of engineering. It runs snow plows over 100 miles of walks.

Nearly all this work is in the public streets, and touches the every-day experiences of every citizen.

It employs many men on part time, and is unable to deal in a normal way either with the question of employment, the question of wages, or the question of men.

Our Streets and Sidewalks

I hope to see a general improvement and extension of our sidewalks. There ought to be an unlimited appropriation for continuous sidewalks, where the abuttor pays one-half the cost. This year we should devote ourselves to the building of continuous walks. Sidewalks are far more important than the street. Everybody, men, women and little children, poor and rich, use the sidewalks. We are more concerned for those who walk than for those who ride.

Our streets are all well protected by trees, the result of co-operation of private organizations. Many years ago a tree society set out the trees—now so attractive—in our streets. More recently the clubs of women,

who do so much for the civic life of the community, in co-operation with the City, have set out hundreds more. It is our duty to continue the work of ornamenting the city and protecting the streets.

The Cemetery

The protection of Wyoming Cemetery from the business of blasting and crushing at Boston Rock was the spirit of a great protest last year.

We should continue the work by making Boston Rock a part of the Metropolitan Park System. Sylvan Street and its approaches should be improved and the work of constantly adding beauty, restfulness, to the City of the dead should engage our affectionate interest.

Parks, Playgrounds and Recreation

Melrose has been called "The City of Parks". No other city is so favorably situated. At our door is the Fells, the finished product of the Metropolitan Park System, comprising 2,000 acres and costing several million dollars. Here is Spot Pond, where a million dollars was spent by the Metropolitan Water Board; Sewall's Woods, the gift of the late Judge Sewall and Pine Banks, a legacy from E. S. Converse. Here is Ell Pond, whose real value to Melrose is enormous.

Our local system of parks and playgrounds is being developed by our Park Commission, who have planned a beautiful and comprehensive system.

Our Boulevard System should be extended to the Lynn Woods. Here is the largest reservation in the country belonging to a single city. It comprises 2,700 acres and remains inaccessible, waiting for the extension of the Boulevard from Bellevue Avenue in Melrose. With that completed we shall have a system of fine roads from the Fells to the North Shore. There will never be a more favorable time for us to urge this work than during the term of service of the Melrose member of the Metropolitan Board.

The construction of a boulevard from the Fells to Boston, through Cambridge and across the Charles River has long been agitated. It is an undertaking of great cost, but the north side of Boston will never reach its finest development until we have one fine highway to Boston equal in construction and beauty to those so common on the south side of Boston.

We need a system of playgrounds for the benefit of the pupils in the public schools as well as for athletic associations interested in out-of-door sports. Charles M. Cox, with the great public spirit, has developed a playground at the Highlands.

We need for our local athletic associations an athletic field that may be enclosed for games at which admission may be charged, similar to the athletic fields in Everett, Malden and Somerville. Such a field should be so managed as to be self-supporting and self-paying. If the City will finance this enterprise, as has already been indicated, by a popular vote, it will be of wonderful benefit to our young people, help the good name of our City and cost nothing to the tax payers.

Nearly twenty years ago a plan was brought into town meeting for a playground at Dix's Pond, the place still remains vacant in the rear of City Hall and the Memorial Building and bounded by Main, Essex, Myrtle and Winthrop Streets. Such an open place in the centre of the city would be worth its cost as a public playground and be of substantial value to all the private property in the locality.

Much has been done for Ell Pond for summer pleasure and bathing. We need in winter an ice field for winter sports. I would like to have our Park Commission take charge of and develop that field for ice sports in winter, provide life-saving outfits, take charge of the flowing of the pond, the scraping of the ice, the police control and the general supervision of winter sports. We could make that pond in winter famously attractive and beneficial.

Health

We cannot exercise too much care in the supervision of those things which concern the health of our people. We are proud of the record of the City in the statistics which place Melrose so high in the scale of health. The inspection of milk and food supplies, sanitation, protection against contagious diseases, unsanitary tenements, and the employments for minors demand constant attention.

We must look toward the employment of a school nurse by the City, unless the work is taken up by a private charity organization. Why may not private citizens and organizations co-operate with the city in this work?

The State Board of Health has called our attention to the law which requires us to provide a hospital or hospital treatment or consumptives, and this problem demands an early solution.

The Charity Department

The spirit of the charity work of the City is excellent. It is the duty of the overseers to aid the poor, to reinstate them in life, to superintend the poor.

The Charity Board must lead and guide in charity, draw upon private charity, help the poor to employment, act as a guardian over young and old, help the drinking man to keep sober, help the idle to work, lend a hand to the sick, visit the homes, send for the nurse and the doctor.

This City is filled with men and women who will gladly aid in any intelligent aid to families in distress. It is the duty of those in charge of public aid to enlist private charity, and to co-operate with churches, organizations and the individuals in aiding those who are dependent. The Pratt Farm is a good home.

Our beautiful hospital, administered by private charity, with a skill and tenderness that is our just pride, is wide open day and night to the call of distress.

I recommend that the Charity Board become a central organization for the systematic handling of private charity, which must always supplement as well as prevent public aid.

The Fire Department

The Fire Department has been constantly improved and strengthened in organization and equipment for a number of years. The improvement should go on. The horses should be displaced by motors.

If a department is to be maintained at the Highlands, as seems necessary, we should look toward the building of a suitable house of brick, or cement in that section. Whether the present location is suitable for the protection of that large section of Melrose in the vicinity of Vinton Street and south, may well be considered. Such a building should also have a ward room or hall for the use of the citizens and voters.

There is no adequate protection for the west side at Wyoming and a comprehensive plan for the development of the department in that section should be considered.

Fire Insurance

The City itself is a large buyer of fire insurance and the insured property is of the type carefully protected and entitled to the lowest rates of insurance. Theoretically, a City with a fine Fire Department, good police protection and good building restrictions and construction, receives a lower insurance rate than elsewhere. In practice, however, the insurance companies continue to collect the same rates.

The city should lead in a movement for lower insurance rates for itself and the Board of Trade and other organizations should co-operate for lower insurance rates throughout the City.

The City of Medford recently received a rate for its own property, 20% below that which is being paid by Melrose. Here is an opportunity for organizations and citizens to co-operate in securing better insurance rates, which now constitute a heavy burden of outlay.

The Police

The Police Department deserves commendation for their services in keeping this City very free from vice and crime, the sale of liquor, or the transportation in violation of the law, and for good order upon our streets.

The Moving Pictures

The closest supervision should be given by the City over the exhibition of moving pictures. Little children are the great patrons of the "Movies".

They are fascinated and influenced by that agency which should be used for public education.

It is practically uncensored. The indecent film is exhibited, does its damage, earns its money and is gone long before the licensing authority hears a complaint.

In the absence of National or State control, I favor the holding of the theatre responsible for the character of its exhibit. Otherwise we should prohibit the attendance of children save only at shows that have been approved by a local board.

Rapid Transit

The transportation system is most important.

The railroads are pressing for increased revenue and we must be alert to any reduction of service, or increase of fares on our steam roads.

We urge better service on the street railway systems. It is absurd that there should be two transportation companies between this city and Boston, a distance of seven miles.

With the construction of the elevated track and subway from Sullivan Square to Malden Square we should have a close physical connection with that system and on the same level.

We should be rid of the disagreeable change of cars in all sorts of weather at Malden Square.

We should have one rate of fare, whatever that may be, from this city to Boston.

We should have a new street car line to accommodate that growing community in the southeast section of Melrose and through Lebanon Street, and the bungling transfers in Franklin Square should give way to a more orderly system, by which citizens who live beyond Franklin Square would have through transportation to their homes up to the arrival of the last car at night.

The location of our stables at Franklin Square instead of aiding in transportation facilities has actually served to block it by making that public square a railway terminal.

City Planning

The movement for City Planning is nation wide. Indeed, it is international. The last conference was held at Toronto. Under the law of 1913 we have a board composed of nine men and women whose work is to plan ahead, to take a wide and extensive view of the proper development and growth of the city along broad, beautiful and comprehensive lines.

It should study and advise on the laying-out of streets, on systems of drainage, location of streets, housing and the architecture of public buildings, parks, recreation grounds and transportation.

It is to plan and advise. Our present board has been studying the problem of Spot and Ell Pond brooks for the improvement of large sections of the city. If they succeed in a place at a cost which our city can pay, they will render a great service.

They may well consider the problem of the abandoned schoolhouse on Grove Street.

But a larger work is that of improved streets and transportation and lighting between Melrose Center and Melrose Highlands. It is of the greatest importance that the Highlands shall be more closely allied in every way to the Center.

It is unfortunate that our streets do not radiate.

Between the Center and the Highlands there are no streets, that are direct, well lighted, with good walks, well-protected and attractive. The car barns with headquarters for shifting cars in a public square, the bungling system of transfers and connections obstruct instead of promoting the closer relations of our people there and here. I believe that property and streets at Franklin Square are too valuable to be used many years longer for the storage of cars.

They must move outside the residential and business sections.

The southeast part of Melrose must be developed. Here is ample room for growth.

The Boston Rock property cannot remain as it is.

The Boston Rubber Shoe Company cannot always control that great tract of vacant land at Wyoming unimproved. Some ways of transportation must be developed from Melrose into the Fells. We are doing much for the automobile travel in the parks and we must now do something for those who walk.

There should be a close co-operation between the Boards and the Park Commission and the Public Works Department.

Our City Buildings

Our City Hall cost \$150,000 is running down, brings almost no income, is unsuited to its use, is of low rental value and a problem by itself.

It is in direct contrast with the beautiful Memorial Hall, which has become the center of social life of marked influence upon the community and the character of the organizations that use it. Of itself it has been an uplifting influence in the city.

The use and income from its use increases.

The generous gifts and co-operation from the large number of citizens made this hall possible, and the constant generous financial aid from one citizen continued from its planning up to this very evening has added to its use.

Two wonderfully fine pianos are the gift of John C. F. Slayton the past year. But these do not measure the financial support which he has continued, without publicity, to give to the building.

City Labor

I earnestly solicit the aid of those who can help to solve the problem of employment for men who depend upon the city for work.

There is a very human side. We are one great family, and those who are unable to take care of themselves must be aided by others.

Work on and about our streets for half the months in the year will not support the family, furnish milk for the babies, and a doctor when sick.

Then there is the problem of drink. The mother of children out at hard work; the unsanitary tenement and the young girl in consumption. There is the present season of hard times and unemployment.

There is something in the government of cities beside the rate of taxation and I hope that we may find time to study this human side of our city's responsibilities.

Co-operation

As a municipality alone we cannot do many things.

The great public improvements which we enjoy and of which we are so proud are to a great extent the work of private organizations and public-spirited citizens. This is especially true of the new buildings which ornament our city, the new churches, the Y. M. C. A. and the Melrose Hospital. These belong to the whole city as truly as though paid for by taxation.

The management of these institutions is superior to the management of our municipal affairs.

Our Public Library was built by co-operation and the Memorial Building is a splendid example of what can be done when the citizens, organizations and the municipality co-operate. The hundreds of trees put out in our streets by the Women's Clubs are another example.

Our recreation and park department should help to develop out-door life and athletics.

Our charity department should aid in the distribution of private charity and our health department should aid and educate our people to better standards of living and better housing. It should inspect the tenements where the poor people live and see that no landlord rents unsanitary houses in this city. The City should lead, co-operate and aid, but our private organizations and citizens do a large share of the work.

Our City

In the Bureau of Statistics at the State House Melrose is grouped in all the statistics with three other cities of similar size and population and valuation. The other cities in the group are Marlboro, Newburyport and Woburn. Those are fine cities, but every one here knows that in all that makes for a beautiful residential community, in civic spirit, in distinguished citizenship, in fine educational equipment, in public buildings and attractive private residences, in streets and parks, in freedom from vice and crime, in good order, patriotism and high character, no city, however large or rich, stands higher than Melrose.

Government of the City of Melrose

1915

Mayor

CHARLES H. ADAMS

President of the Board of Aldermen

FREDERICK T. PEABODY

Clerk

W. DeHAVEN JONES

Aldermen-at-Large	Ward
Edward F. Cassell, 131 Melrose Street	1
Thomas H. Gilman, 287 W. Emerson Street	3
Harold P. Waterhouse, 11 Orient Place	4
William A. Carrie, 22 York Terrace	1
*William T. Fahy, 134 Lynde Street	7
Leslie F. Keene, 146 W. Wyoming Avenue	5
Frederick T. Peabody, 50 Florence Street	5

Ward Aldermen

Ralph G. Harmon, 22 Belmont Place	1
Frank H. Noyes, 14 North Avenue	1
Alton H. Eldredge, 29 Nowell Road	2
Adonis D. Howard, 105 Green Street	2
Charles Drew, 117 Florence Street	3
Forrest F. Pike, 67 W. Wyoming Avenue	3
Sidney H. Buttrick, 87 Essex Street	4
Alfred H. French, 31 Rowe Street	4
Arthur T. Mather, 110 Crescent Avenue	5
Lorin A. Presby, 42 Trenton Street	5
Arthur L. Marr, 36 E. Foster Street	6
Fred W. Sellers, 132 Grove Street	6
John H. Rorke, 63 Linwood Avenue	7
Albert M. Tibbetts, 109 Meridian Street	7

*Resigned after July 1st, vacancy not filled.

BOARD OF ALDERMEN—STANDING COMMITTEE FOR 1915

Appropriations

Hon. Sidney H. Buttrick, *Chairman*

Aldermen Carrie, Keene, Eldredge, Cassell, Tibbetts, Mather, Gilman,
Fahy

Education, Health and Charity

Alton W. Eldredge, *Chairman*

Aldermen Presby, Fahy, Drew, Howard, Noyes, Pike

Finance

William A. Carrie, *Chairman*

Aldermen Buttrick, Cassell, Mather, Presby, Waterhouse, Howard

Highways

Leslie F. Keene, *Chairman*

Aldermen Carrie, Tibbetts, Mather, Gilman, Fahy, Pike

Legal and Legislative Matters

The President, Presby, Eldredge, Buttrick, Waterhouse, Noyes, Harmon

Protection and Licenses

Edward F. Cassell, *Chairman*

Aldermen Keene, Marr, Gilman, French, Sellers, Rorke

Public Service

Albert M. Tibbetts, *Chairman*

Aldermen Marr, Harmon, Drew, Sellers, French, Rorke

Clerk of Committees

VICTOR C. KIRMES

City Officers

City Clerk

W. DeHaven Jones

Assistant City Clerk and Clerk of Committees

Victor C. Kirmes

City Treasurer

William R. Lavender

City Collector

James W. Murray

City Auditor

Edwin C. Gould

Assistant City Auditor

William T. Wolley

Engineer and Superintendent of Public Works

George O. W. Servis

Mayor's Clerk

Blanche E. Nickerson

City Solicitor

Arthus S. Davis

CITY OF MELROSE

Chief of Fire DepartmentJoseph Edwards

Chief of PoliceGeorge E. Kerr

Inspector of BuildingsWilliam S. Allen

Inspector of PlumbingAndrew J. Burnett

Inspector of FoodDavid O. Parker

Inspector of SlaughteringDavid O. Parker, Frank P. Sturges

Inspector of Milk and VinegarRobert N. Hoyt

Inspector of AnimalsF. P. Sturges

Sealer of Weights and Measures

Charles E. Merrill

Superintendent Brown Tail and Gypsy Moth

John J. McCullough

Agent State, Military Aid and Soldiers' Relief

Mary A. Kenah

Burial Agent

Mary A. Kenah

Assessors

Frank R. Upham, term expires 1916

L. Frank Hinckley term expires 1917

Charles C. Swett, term expires 1918

Assistant Assessors

Alden B. Smith

Merton G. Woodbury

Charles Roeder

Inspector of Wires

Fred A. Edwards

Board of Health

Clarence P. Holden, M.D., *Chairman*

Philip B. Carter

Ralph R. Stratton

Grace French, *Clerk*

City Physician

Clarence P. Holden, M.D.

School Physician

Arthur T. Gage

Overseers of the Poor

Adaline G. Reed, *Chairman*

Thomas F. Troy

Bertram E. Lovejoy

Grace French, *Clerk*

CITY OF MELROSE

Matron of Pratt Farm

Mrs. F. E. Mann

Superintendent of Pratt Farm

Frank E. Mann

Park Commission

Clarence T. Fernald, <i>Chairman</i>	Term expires	1920
Addison L. Winship.....	" "	1919
Robert A. Perkins.....	" "	1918
Harry N. Vaughn.....	" "	1917
George J. Foster.....	" "	1916

School Committee

Lowell F. Wentworth, <i>Chairman</i>	Term expires	1918
Wallace R. Lovett.....	" "	1917
*Arthur H. Damon (Grace W. Dole).....	" "	1917
Sarah A. Day.....	" "	1917
William Coggeshall.....	" "	1918
Frank L. Welt.....	" "	1918
Elmer O. Goodridge.....	" "	1916
Isabelle Stantial.....	" "	1916
William A. Morse.....	" "	1916

*Resigned

Sinking Fund Commissioners

Edward J. Kitching, <i>Chairman</i>	Term expires	1916
Franklin P. Shumway.....	" "	1917
Everett L. Fuller.....	" "	1918

Trustees of Public Library

Rev. Paul Sterling, <i>Chairman</i>	Term expires	1917
John O. Paisley.....	" "	1918
Angier L. Goodwin.....	" "	1918
Mary C. Barton.....	" "	1917
Neil A. Divver.....	" "	1916
Lovisa A. Allen.....	" "	1916

Cemetery CommitteeWillis C. Goss, *Chairman*

J. Thomas Foster

J. Henry Kunhardt

Edwin C. Gould, *Clerk*Roscoe A. Leavitt, *Supt. Wyoming Cemetery*

Registrars of Voters

Edwin L. Cragin, *Chairman*..... Term expires 1916
 John J. Keating..... " " 1917
 Edwin J. Tirrell..... " " 1915

W. DeHaven Jones, *City Clerk, Ex-Officio*

Engineers of Fire Department

Joseph Edward, *Chief*
 Edgar W. Mansfield, *1st Assistant*
 Charles F. Woodward, *2d Assistant*

Measurers of Wood and Bark, Weighers of Hay and Grain

Fred H. Goss	Grace F. Gilbert	Frank E. Newell
George W. Jepson	M. H. Eagan	George Goodwin
James G. Stiles	Charles B. Goss	George M. Hall

Public Weighers of Merchandise

Edward A. Riley	Patrick G. DeCourcy	Elmer D. Swain
J. Osborn Leisk	Isaac L. Slocomb	Chas. F. Woodward
Edward M. Caldwell	James McTiernan	Ralph E. Hamilton
Florence Sullivan	John Dyer	Nathaniel J. Glover
Orietta Towner		

Field Drivers

George W. Hoag—Harry C. Liscomb

Pound Keepers

George W. Hoag—Harry W. Liscomb

Fence Viewers

Daniel J. Lucey	Charles H. Everson
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Constables

George W. Burke	Charles E. Merrill	George E. Kerr
Daniel K. Collamore	M. James Hanley	George E. Burke

Dog Officer

M. James Hanley

Keeper of the Lock-up -

George E. Kerr

Police Officers

George E. Kerr, *Chief*
 Redford M. Rand
 George E. Fuller
 William H. Doherty
 Wallace B. Eaton
 Garfield Carpenter
 Daniel J. Foley

Louis B. Heaton, *Captain*
 Allston H. Pineo
 Christopher B. Thompson
 Frank N. Pierce
 Michael Reardon
 Albert A. McBeth
 William A. Riley

Reserve Officers

Fred M. Kirmes
 Patrick H. O'Leary
 Edwin E. Spraker

Archie E. Fish
 Clement E. Burkhardt
 William T. Fahy

Special Officers

Atwater B. Hathaway	M. James Hanley	Burgess W. Grover
Albert W. MacKenzie		Joseph A. Lavin

Special Officers to Serve without Pay

Frank C. Newman	George H. Cray	Charles J. Wing
Martin Allison	Charles E. Merrill	George Hayward
Roscoe A. Leavitt	Ralph S. Cray	Howard Woodman

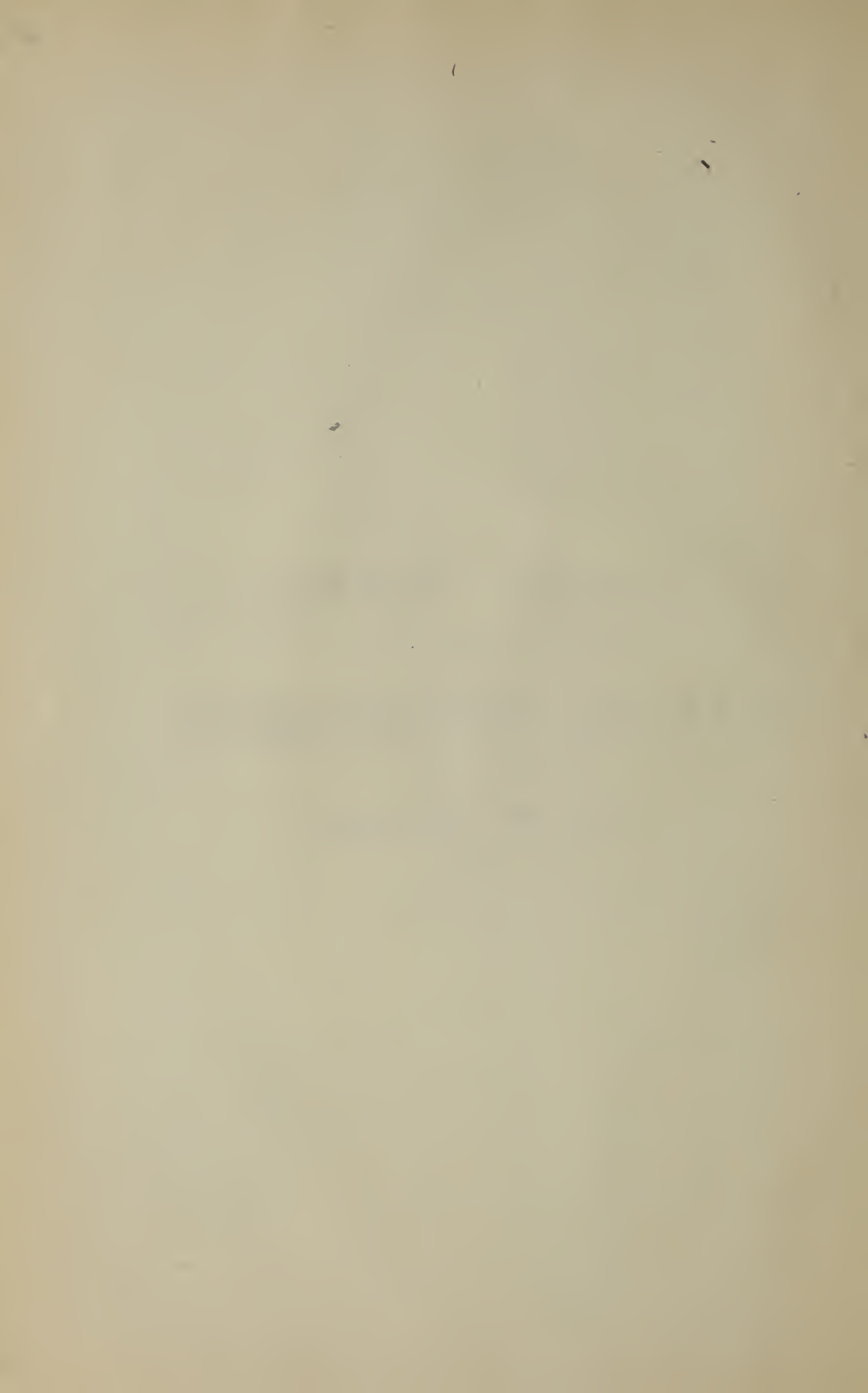
Planning Board

John C. F. Slayton	Term expires 1917
*Seth K. Ames (Wilbur W. Davis)	" " 1917
Agnes L. Dodge	" " 1917
Harold Marshall	" " 1916
Dennis W. Fitzpatrick	" " 1916
E. Gertrude Copleand	" " 1916
Richard H. Sircom	" " 1918
Victor A. Friend	" " 1918
Louisa S. Hunt	" " 1918

*Resigned

ANNUAL REPORT
of the
SCHOOL DEPARTMENT

CITY OF MELROSE
1915



SCHOOL COMMITTEE FOR 1915

Name	Residence	Term Expires
Mrs. Isabelle Stantial	146 Florence Street . . .	1916
Elmer O. Goodridge	148 E. Foster Street . . .	1916
William A. Morse	15 Auburn Place . . .	1916
Mrs. Sarah A. Day	45 Ashland Street . . .	1917
Wallace R. Lovett	63 Stratford Road . . .	1917
Arthur H. Damon	116 Hillside Avenue . . .	1917
William Coggeshall	158 E. Foster Street . . .	1918
Frank L. Welt	31 Malvern Street . . .	1918
Lowell F. Wentworth	19 Bartlett Street . . .	1918
Lowell F. Wentworth, <i>Chairman</i>		Mrs. Isabelle Stantial, <i>Secretary</i>

Meetings of the Committee

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the second and fourth Mondays of every month, except during July and August, at 7.30 p.m.

Superintendent of Schools

John Anthony 14 Mt. Vernon Street
Office: High School Building—Tel. Melrose 55

Secretary

Helen M. Aldrich 536 Lebanon Street
Tel. Melrose 1238-M

STANDING COMMITTEES

Finances and Supplies

Mr. Morse Mr. Goodridge Mr. Lovett Mr. Damon

Schoolhouses and Janitors

Mr. Goodridge Mr. Coggeshall Mr. Morse Mr. Damon

Teachers and Salaries

Mrs. Day Mrs. Stantial Mr. Coggeshall Mr. Welt

Text Books and Courses of Study

Mr. Welt Mr. Lovett Mrs. Day Mrs. Stantial

The Chairman of the School Committee is a member, *ex-officio*, of all standing committees.

SPECIAL COMMITTEES

Legislative

Mr. Lovett Mr. Goodridge Mr. Coggeshall Mr. Morse

VISITING COMMITTEES

High School.....School Committee
 Franklin and Whittier Schools.....Mrs. Day
 D. W. Gooch School.....Mrs. Stantial
 Mary A. Livermore School.....Mr. Damon
 Washington School.....Mr. Welt
 Lincoln School.....Mr. Lovett
 Winthrop School.....Mr. Goodridge
 Joseph Warren School.....Mr. Morse
 Sewall and Ripley Schools.....Mr. Coggeshall

SCHOOL CALENDAR FOR 1916

WINTER TERM 1916

Opens January 3d, and closes February 18th.

SPRING TERM 1916

First Half: Opens February 28th and closes April 21st.

Second Half: Opens May 1st and closes June 21st.

FALL TERM 1916

Opens September 6th and closes December 21st.

HOLIDAYS DURING TERM TIME

Every Saturday, Washington's Birthday, Patriot's Day, Memorial Day, June 17th, October 12th and Thanksgiving Day with the half day preceding and the day following it.

"NO SCHOOL SIGNAL"

Notice of "No School" will be given by striking the number 22 four times upon the fire alarm, and by sounding the whistle at Factory No. 2 of the Boston Rubber Shoe Company.

The signal will be sounded at 7.15 a.m. for no session in the High School, and at 8.30 for no morning session in all grades below the High School. In case there is to be no afternoon session, the signal will be sounded at 12.45.

Report of the Superintendent of Schools

*To the School Committee of Melrose,
Ladies and Gentlemen:—*

The following report of the public schools of the city is respectfully submitted for your consideration. This is the twenty-sixth in the series of annual reports by the Superintendent of Schools, and the seventh by the present incumbent of that office.

It is my desire to present very briefly at this time, a general summary of educational tendencies, and their bearing and influence upon certain phases of our own system.

The public schools of the country are constantly assuming greater responsibilities, thrust upon them by the society which has developed and which maintains them. More and more the school becomes the agent for all training which relates to the complete development of all the children.

The past few years have seen the beginning of great educational changes. The next few years undoubtedly will see such further progress as will amount to a revolution in popular education in the United States. Never have business and professional men, educators, manufacturers and the great mass of intelligent Americans in every walk of life, been so nearly in agreement as to the desired ends in education. Never have experiments been so practically determined, or the results so scientifically checked. Instead of generalizations and suppositions, we are measuring results with an exactness never before imagined. Consequently, while the means of attaining the ends in view are, to a greater or less extent, still in the stage of discussion and experiment, yet we are nearer than ever before to the solution of long unanswered problems, and at the dawn of such an extension of educational privileges to all the people, as was hardly dreamed of at the beginning of the present century.

Courses in practical arts, in home-making and management for girls,—vocational and pre-vocational training along many lines for both boys and girls,—rational physical training for all, close medical inspection, dental clinics, open-air schools,—continuation and part-time schools, training in thrift, evening courses for adults along the line of their occupations, special classes for immigrants, a longer school day, the use of school buildings ten or twelve hours a day, for forty-eight or fifty weeks in the year for the benefit of the whole community,—these are some of the steps which have been definitely taken in many cities.

Out of the mass of studies, investigations and experiments, certain readjustments apparently have become so well established that they will be generally accepted within a very short time. A few of these must soon be considered seriously by our own city. Among them are the following:—

1. A readjustment of the twelve years of school work so that instead of an eight years elementary course and four years of High School work,

we shall have an elementary course of six years and a High School course of six years, subdivided into a Junior High School and a Senior High School.

2. A rearrangement of the course of study in accordance with the above plan. This means the teaching of essentials in the first six years, much more thoroughly and definitely than ever before,—opportunity for a choice among several courses in the Junior High School, which will receive children at about the age of twelve,—and a highly specialized Senior High School, for those who will take advanced work for the purpose of real preparation, either directly for practical life, or to enter higher institutions of learning.

3. A gradual extension of educational opportunities for practical training to adult members of the community who may desire them and the larger use of school buildings for general educational, social and civic purposes.

The latter development rests largely upon the demand of our citizens, which is increasing, and upon the funds available for such purposes, which must be provided if these demands are to be satisfied.

The first two readjustments are related. Before they can be carried out, time must be allowed for the solution of certain temporary local problems. Meanwhile, we are at work upon the basic requirement,—a thorough and careful reorganization of the elementary course of study, in which the central idea is its greater adaptability to all the children, and the elimination of all waste material.

This is being accomplished by means of a unique system. Under the present plan each subject in the course is primarily in charge of one of the principals who is a recognized specialist in that department. The work as laid out each month is carefully checked by the Superintendent. Later, each teacher in the corps is given opportunity to suggest and advise concerning the work of her grade. This participation means more work for the teachers in every way, but it makes available the knowledge and experience of every teacher, and assures a new course of study developed by those in closest touch with the abilities and needs of our children.

Thus, when the time comes for reorganization in our own community, we not only shall have the advantage of the experience, experiments, failures and developments of other cities, but our own system will be in condition to make the necessary changes naturally and easily, with the minimum of shock and expense.

Furthermore, a distinct advance has been made in practical education, and the foundation laid for future development as demand increases and funds permit. The opportunity is now open to our boys for instruction in carpentry, painting, plumbing, steamfitting, forging, cement work and bricklaying. The teaching will be based upon practical work on school buildings, furniture and equipment, and a man of broad training and experience has been engaged for the department. This work will not, of course, even approximate the teaching of a trade, but it will give

to those who take it a considerable knowledge of the fundamental processes of several trades, and a certain facility with a variety of tools, which will always be of value, whether they later learn a trade, or not. This is a step in the right direction. It should be supplemented by parallel courses to train our young women to earn a living, or to become competent home makers, and that, in turn, should be but the beginning of a broader movement to give to the adults of the community, both men and women, additional training as they may desire, along the lines of their occupations.

FIRE PREVENTION

The entire community has been righteously stirred during the past few months in regard to the fire hazard in our schools. The school authorities, with His Honor, Mayor Adams, the state inspector, the local inspector of buildings, and the chief of our fire department, have made several careful tours of inspection of all schools. Considering the age of our buildings, they are declared for the most part to be in excellent condition, while the care with which they are kept, eliminates most of the dangers of incipient fires. Furthermore, the fire drills are commended as being carefully planned and handled, and as effective as such precautions can be made, although it is recognized that a fire drill is not always proof against panic.

Nevertheless, there are certain definite changes which should be made. Fire escapes have already been installed at the Whittier and Sewall Schools, and the basement doors made fire retardant, but still further protection is needed in these, and in all the other buildings. The basements should all be cut off by fireproof doors. The basement ceilings, which are now for the most part open and exposed, should be covered with wire lath and hard plaster. Exits should be supplied with panic bolts. Fire extinguishers should be supplied all buildings. Automatic sprinklers should be installed in a few extra hazardous locations. An extra exit is ordered at the Franklin School.

The hands of the School Committee are absolutely tied in respect to these matters until funds are furnished for the work. It is earnestly hoped that parents, and those responsible for the finances of our city, will not rest until a suitable appropriation has been made for this purpose.

GENERAL IMPROVEMENTS

School Buildings

During the year a modern system of plumbing has been installed at the Ripley School at a cost of \$549.17. Slate blackboards have been placed in the D. W. Gooch and Winthrop Schools at a cost of \$630.72. The Winthrop School has been shingled, painted outside, the foundations repaired, and other general work done at a cost of \$830.67. The Sewall School, which was in danger of collapsing, has been made entirely safe at a cost of \$584.42. The Warren School has been painted outside, one boiler at the Lincoln School re-tubed, the woodwork over the heating

apparatus in each building has been protected by wire lath and asbestos plaster, and a large amount of needed repairs made upon the other buildings.

Social Centers

The West-Wyoming Improvement Association has been granted the use of the Lincoln School for its meetings.

The Boy Scouts have been given the use of a room in the High School for their meetings.

The Library Trustees have been given the use of a room at the Whittier School for a branch library.

The parents and friends of the Washington School, with the hearty co-operation of the children, have presented a moving-picture machine and a large stereopticon with reflectoscope. This is to be made the basis of neighborhood gatherings, and is also to be used for instruction purposes for that school as well as for the upper grades of the entire city.

A large stereopticon and reflectoscope has been purchased from funds raised by the High School, and will be used for general purposes of entertainment and instruction.

SCHOOL NURSE

Through the generosity of the Trustees of the Melrose Hospital, a school nurse has been provided, who gives a large part of her time to work with the children. Her work has already proved of great value, and excellently supplements that of the school physicians.

COMMUNITY ASSOCIATES

The Community Associates have supported a sewing class for girls in the High School Library. They have also made a tentative start toward the establishment of a dental clinic. Every dentist in town has expressed his willingness to give whatever time is necessary for this purpose, as well as for an annual dental examination. As soon as funds can be raised to equip a central clinic, this object can be attained.

CHANGES IN SCHOOL COMMITTEE

The year has seen an unusual number of changes in the School Committee. Mr. Arthur H. Damon, whose term expired in 1917, resigned in August, on account of a change of residence. Although he had been a member but a short time, Mr. Damon had shown particular interest and aptitude for the work. Mr. William A. Morse, a member of the Committee for six years, and chairman of the Finance Committee, and Mr. Elmer O. Goddridge, a member for seven years, and chairman of the

Schoolhouse Committee, in charge of repairs, declined to stand for re-election. Each was particularly fitted, by training and experience, for the work assigned him, and each rendered to the city a distinct and unusual service.

On January 13th, Mr. Frank L. Welt, a member of the Committee for eight years, and chairman of the Committee on Text Books and Courses of Study, was taken from our midst by death. Mr. Welt was especially well fitted for the work, was particularly interested in athletics, and a beloved friend of the children and teachers. At a special meeting of the School Committee, held January 14th, the following resolutions were adopted.

"Whereas:—

It has pleased our Heavenly Father in His infinite wisdom to take from our midst Mr. Frank L. Welt:—

Be it resolved:—

That in the death of Mr. Frank L. Welt, the School Committee of Melrose has lost an earnest and untiring worker; the pupils and teachers, an enthusiastic and effective champion; and the community, a public-spirited, high-minded and upright citizen.

During his membership of eight years on the Committee, he has rendered a distinct public service, characterized by an open-minded zeal, and an earnest endeavor to improve conditions for the young people of our city—not only in the school-room, but by stimulating interest in athletics, to improve their bodily condition and add to the pleasure of their school life.

The members of the Committee desire to record their high estimate of his public service and worth, and to express their personal grief of his loss."

IN CONCLUSION

The year has been a successful and happy one in our schools. His Honor, the Mayor and the Board of Aldermen have given as large an appropriation as, in their best judgment, could be spared for the support of schools. The community have given appreciation, support, and timely advice and help. The teachers, although working under a new system, and at higher pressure, have been conscientious, loyal, efficient and enthusiastic. The School Committee have given amply of their time, energy and best judgment. Surely no man could work under happier conditions than such a combination affords.

Respectfully submitted,

JOHN C. ANTHONY,
Superintendent of Schools

IN SCHOOL COMMITTEE,

January 24, 1916

Voted:—

To accept the report of the Superintendent of Schools and to adopt the same as the annual report of the School Committee for the year 1915.

TOTAL COST OF ELEMENTARY SCHOOLS

School Year 1914-15

General Control

General Administration Salaries.....	\$2,103.54
Other General Salaries.....	946.85
Other General Expenses.....	439.39

Instruction

Teachers' Salaries.....	44,964.27
Text Books and Supplies.....	2,590.19

Operation of School Plant

Janitors' Services.....	4,755.07
Fuel and Light.....	4,775.66
Water and Miscellaneous.....	946.61

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	2,341.25
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Auxiliary Agencies

Transportation.....	695.00
Tuition and Miscellaneous.....	1,380.44

\$65,938.27

AVERAGE COST PER PUPIL, ELEMENTARY SCHOOLS

for these items, for the School Year, 1914-15, based on the average membership (1975.23) was as follows:—

General Control

General Administration Salaries.....	\$1.06
Other General Salaries.....	.47
Other General Expenses.....	.22

Instruction

Teachers' Salaries.....	22.77
Text Books and Supplies.....	1.32

Operation of School Plant

Janitors' Services.....	2.41
Fuel and Light.....	2.42
Water and Miscellaneous.....	.48

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	1.18
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Auxiliary Agencies

Transportation.....	.35
Tuition and Miscellaneous.....	.70
	\$33.38

TOTAL COST OF HIGH SCHOOL

School Year 1914-15

General Control

General Administration Salaries.....	\$796.46
Other General Salaries.....	353.15
Other General Expenses.....	157.79

Instruction

Teachers' Salaries.....	29,429.76
Text Books and Supplies.....	3,121.79

Operation of School Plant

Janitors' Services.....	3,513.64
Fuel and Light.....	2,290.50
Water and Miscellaneous.....	575.05

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	1,923.56
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Auxiliary Agencies

Tuition and Miscellaneous.....	180.85
	\$42,342.55

AVERAGE COST PER PUPIL, HIGH SCHOOL

for these items, for the School Year, 1914-15, based on the average membership (751.38) was as follows:—

General Control

General Administration Salaries.....	\$1.06
Other General Salaries.....	.47
Other General Expenses.....	.22

CITY OF MELROSE

Instruction

Teachers' Salaries.....	39.16
Text Books and Supplies.....	4.15

Operation of School Plant

Janitors' Services.....	4.67
Fuel and Light.....	3.05
Water and Miscellaneous.....	.76

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	2.56
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Auxiliary Agencies

Tuition and Miscellaneous.....	.24
	\$56.34

TOTAL COST OF ALL SCHOOLS

School Year 1914-15

General Control

General Administration Salaries.....	\$2,900.00
Other General Salaries.....	1,300.00
Other General Expenses.....	597.18

Instruction

Teachers' Salaries.....	74,394.03
Text Books and Supplies.....	5,711.98

Operation of School Plant

Janitors' Services.....	8,268.71
Fuel and Light.....	7,066.16
Water and Miscellaneous.....	1,521.66

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	4,264.81
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Auxiliary Agencies

Transportation.....	695.00
Tuition and Miscellaneous.....	1,561.29
	\$108,280.82

AVERAGE COST PER PUPIL

School Year 1914-15

Based on average membership (2,726.61)

General Control

General Administration Salaries.....	\$1.06
Other General Salaries.....	.47
Other General Expenses.....	.22

Instruction

Teachers' Salaries.....	27.28
Text Books and Supplies.....	2.09

Operation of School Plant

Janitors' Services.....	3.04
Fuel and Light.....	2.59
Water and Miscellaneous.....	.56

Maintenance of School Plant

Repairs, Replacement and Upkeep.....	1.57
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Auxiliary Agencies

Transportation.....	.26
Tuition and Miscellaneous.....	.57

\$39.71

ANNUAL FINANCIAL EXHIBIT

Fiscal Year Ending December 31, 1915

Receipts

Appropriation, regular items.....	\$102,479.99
Appropriation, from tuition.....	3,042.09
Appropriation, special High School Telephone and Grammar School Blackboards.....	700.03
Appropriation, additional maintenance of Buildings and Grounds.....	2,640.00
	\$108,862.08

Expenditures

General Expenses.....	\$4,846.49	
Teachers' Salaries.....	74,753.03	
Text Books and Supplies.....	5,478.84	
Tuition.....	1,198.38	
Transportation.....	658.00	
Janitors' Services.....	8,211.42	
Fuel and Light.....	5,857.95	
Maintenance of Buildings and Grounds.....	6,581.01	
Furniture and Furnishings.....	163.35	
Other Expenses.....	397.37	
	\$108,145.84	
Special High School Telephone and Grammar School Blackboards.....	651.77	
	\$108,797.61	
Unexpended balance, regular items.....	16.24	
Unexpended balance, High School Telephone and Grammar School Blackboards.....	48.23	
		\$108,862.08

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1914-1915

I. By Schools

Schools	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent. of Attendance
High	805	340	465	751.38	723.07	96.23
Franklin	332	174	158	315.60	303.19	96.07
Whittier	125	60	65	124.52	116.15	93.28
Warren	158	89	69	158.10	147.50	93.30
Livermore	190	94	96	170.78	163.96	96.01
Sewall	153	84	69	141.30	134.10	94.91
Washington	378	199	179	355.30	331.74	94.22
Lincoln	325	168	157	309.99	294.03	94.85
Gooch	238	136	102	244.25	228.03	93.36
Winthrop	138	64	74	134.69	121.84	90.46
Ripley	24	12	12	20.70	19.08	92.17
Total	2,866	1,420	1,446	2,726.61	2,585.69	94.83

SUMMARY OF THE PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1914-1915

2. By Grades

Grades	No. of Different Pupils Enrolled Exclusive of Re-Enrollments	No. of Boys	No. of Girls	Average Membership	Average Attendance	Per Cent. of Attendance
High.....	805	340	465	751.38	723.07	96.23
Eighth.....	246	129	117	230.12	220.79	95.95
Seventh.....	276	151	125	259.97	250.70	96.44
Sixth.....	221	116	105	215.21	204.62	95.08
Fifth.....	242	134	108	232.51	221.35	95.20
Fourth.....	228	116	112	233.32	222.48	95.35
Third.....	271	148	123	254.73	240.56	94.52
Second.....	292	138	154	273.59	253.20	92.55
First.....	285	148	137	275.78	248.92	90.26
Total.....	2,866	1,420	1,446	2,726.61	2,585.69	94.83

**NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS
DECEMBER 31, 1915**

	Male	Female	Total
High (Grades X, XI, XII, XIII).....	7	21	28
Grammar (Grades V, VI, VII, VIII).....	1	28	29
Primary (Grades I, II, III, IV).....	0	28	28
Supervisors, Music.....	1	0	1
Drawing.....	0	1	1
Manual Training.....	1	0	1
Primary.....	0	1	1
Penmanship.....	0	1	1
Total.....	10	80	90

**NUMBER OF PUPILS IN THE DIFFERENT GRADES
DECEMBER 31, 1915**

Primary, Grade I.....	259
Grade II.....	286
Grade III.....	289
Grade IV.....	235
Grammar, Grade V.....	253
Grade VI.....	217
Grade VII.....	261
Grade VIII.....	268
High, Freshmen Class.....	213
Sophomore Class.....	170
Junior Class.....	156
Senior Class.....	144
Post Graduate.....	10
Total.....	2,762

**AVERAGE AGE OF PUPILS IN THE DIFFERENT GRADES
SEPTEMBER, 1915**

Primary, Grade I.....	6 years 5 months
Grade II.....	7 " 6 "
Grade III.....	8 " 5 "
Grade IV.....	9 " 2 "
Grammar, Grade V.....	10 " 7 "
Grade VI.....	12 " 0 "
Grade VII.....	12 " 8 "
Grade VIII.....	13 " 6 "
High, Freshman Class.....	14 " 9 "
Sophomore Class.....	15 " 4 "
Junior Class.....	16 " 9 "
Senior Class.....	17 " 6 "

APPENDIX

Melrose High School

GRADUATION EXERCISES

Class of 1915

Memorial Hall, Evening of June Twenty-Third, at Eight O'clock.

PROGRAM

- MARCH—"America" *Tellam*
High School Orchestra
- INVOCATION
Rev. Louis C. Wright
- PROLOGUE—SALUTATORY
Margaret L. Ilsley
- CHORUS—"Habanera" (from Carmen) *G. Bizet*
Glee Clubs
- ESSAY—"The Immigrant Child's Dream"
Amanda Gertrude Curit
- ESSAY—"Humor—A Valuable Asset"
Ellie May Corbett
- INTERMEZZO—"After Sunset" *Pryor*
High School Orchestra
- AWARD OF PRIZES, given by the Franklin Fraternity
Hon. Sidney H. Buttrick
- VALEDICTORY—EPILOGUE
Jennie Lucile Bond
- CHORUS—"Amyrillis" (Arr. by N. C. Page)
Girls' Glee Club
- PRESENTATION OF DIPLOMAS
Dr. Lowell F. Wentworth
Chairman of School Committee
- CHORUS—"Twilight Reverie (Traumerei) *Schumann*

SENIOR CLASS HONOR LIST

Pupils who have maintained a general average of 90% or over during their whole course.

Jennie Bond	Margaret Anderton
Margaret Ilsley	Hilda Allstrin
Ellie Corbett	Charles Doucette
Amanda Curit	Ethel Welch
Ruth Driver	Alice Wright
Constance Wheeler	Helen Chesley
Dorothy Hall	Phyllis Buck
Corris Emerson	Victor Lovejoy
Leslie Garrett	Ernest Perkins
Everett Stebbins	Marjorie Lynch

HONOR LIST FOR OTHER CLASSES

Pupils who have maintained an average of 90% or over in each subject

Junior Class

Edward Donovan	Miriam Loring
Doris Jennings	Mary White

Sophomore Class

Frederick Deering	Ruth Eldredge
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Freshman Class

Edwin Carpenter

MELROSE WOMAN'S CLUB HONORS

Ruth Driver	Ellie Corbett
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FRANKLIN FRATERNITY PRIZES

English (Senior Class)

Charles Doucette

English (Junior Class)

Warren Hussey

English (Sophomore Class)

Elizabeth Thompson

English (Freshman Class)

Edwin Carpenter

Algebra (Freshman Class)

Edwin Carpenter

Algebra (Open to all)

Roland Hussey

Geometry (Sophomore Class)

Melvin Jenney

Geometry (Open to all)

Miriam Loring

Kenneth Redding

Assessors' Report

Hon. Charles H. Adams, Mayor,

Dear Sir:—The Board of Assessors herewith submit their report for the year ending December 31, 1915.

TAXABLE VALUATION OF THE CITY

Buildings.....	\$10,494,300.00	
Land.....	5,823,300.00	
		\$16,317,600.00
Personal Estate, including Resident Bank Stock.....		2,623,780.00
Total Real and Personal Estate		\$18,941,380.00

RATE OF TAXATION \$23.70 PER \$1,000.00

Appropriations

State Tax.....		\$39,780.00
County Tax.....		20,682.55
Met. Sewer Tax.....		17,201.57
Met. Park Tax.....		10,796.50
State Highway Tax.....		52.40
Charles River Basin Tax.....		1,621.29
Fire Prevention Tax.....		133.25
City Budget.....		359,016.29
Overlay.....		9,236.85
		\$458,610.70
Tax on Real Estate.....	\$386,727.11	
Tax on Personal Ecstate.....	62,183.59	
Tax on 4850 polls at \$2.00.....	9,700.00	
	\$458,610.70	
Moth Tax Assessed.....		\$992.94
Street Sprinkling Assessed.....		10,654.05
Excise Tax Assessed (Bay State Street Ry. Co.).....		2,251.94
Number of resident individuals, firms, etc., assessed		2,823
Number of non-resident individuals, firms, etc. assessed		750
Number of persons assessed for poll tax.....		4,850
Number of horses assessed.....		334
Number of cows assessed		353
Number of swine assessed.....		120

Valuation of property exempt from taxation

Houses of religious worship.....	\$370,775. 00
Benevolent Institutions.....	169,225. 00
	\$540,000. 00

We herewith include a statement of the assessed valuation of taxable property for each of the preceding years, the abatements thereon allowed previous to the thirty-first day of December preceding, and the average of such valuations reduced by such abatements.

	Valuations including Additional	Abatements	Net Valuation
1913	\$18,236,875. 00	\$416,775. 00	\$17,820,100. 00
1914	18,652,005. 00	493,750. 00	18,158,255. 00
1915	19,006,555. 00	185,475. 00	18,821,080. 00
			3)\$54,799,435. 00
Net average valuation for 3 years.....			)\$18,266,478. 00

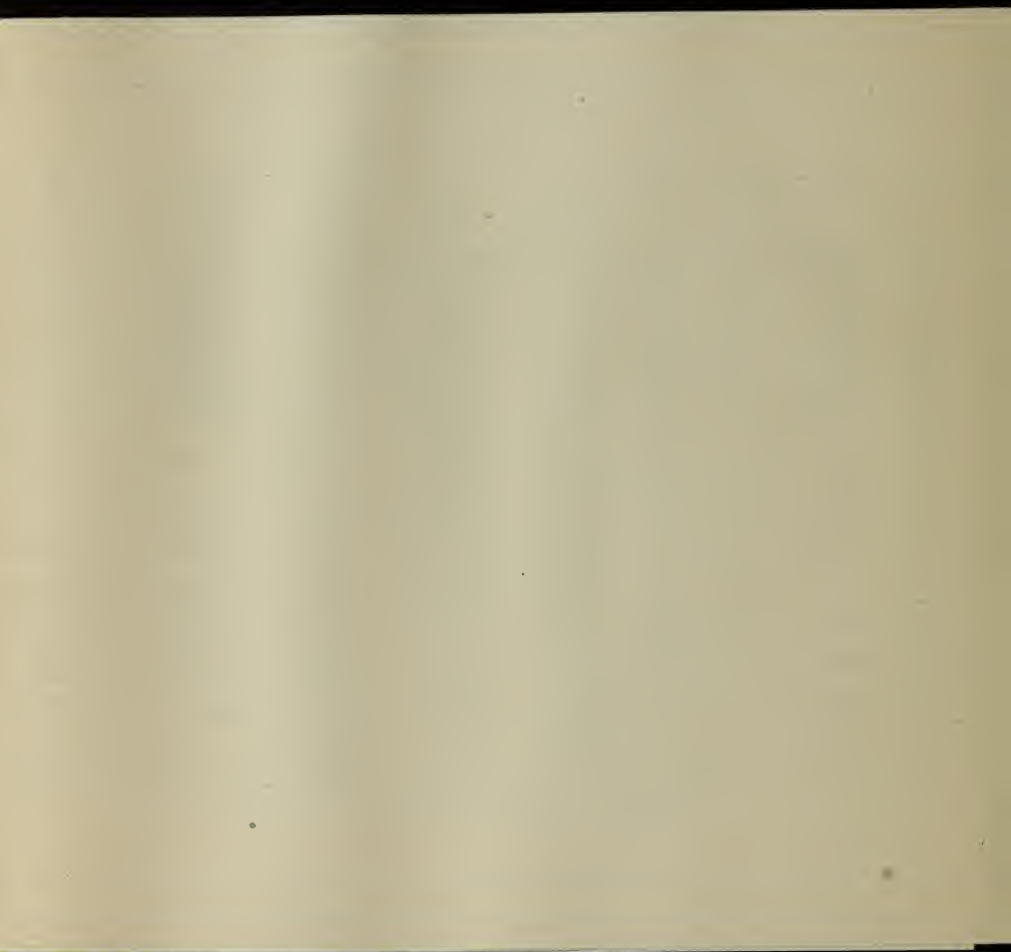
Respectfully submitted,

FRANK R. UPHAM,
L. F. HINCKLEY,
CHARLES C. SWETT,

Assessors

Year	Census	Dwell-ings	Polls	Value Buildings	Value Land	Total Val. Real Estate	Value Personal Estate	Total Valua- tion	Rate per \$1,000	City Appro- priation	Sewer- age Tax	Park Tax	State Tax	County Tax	Overlay	Total Tax Levy	Year
1900	12,715	3,237	3,650	\$7,582,525	\$4,398,150	\$11,980,675	\$797,690	\$12,778,365	18.00	\$199,837.41	\$9,431.01	.....	\$6,645.00	\$11,857.11	\$9,540.04	\$237,310.57	1900
1901	12,781	3,248	3,711	7,610,850	5,993,025	13,603,875	1,286,890	14,890,765	16.20	206,635.82	9,727.23	.....	7,437.50	13,388.55	*11,463.29	248,652.39	1901
1902	13,369	3,280	3,931	7,781,400	5,927,575	13,708,975	1,656,505	15,365,480	17.20	237,107.27	10,561.13	\$1,977.83	6,375.00	13,365.88	2,861.15	272,148.26	1902
1903	13,641	3,312	4,052	7,865,250	5,915,375	13,780,625	1,397,005	15,177,630	18.00	237,087.74	10,808.84	5,169.59	10,625.00	13,917.89	3,692.28	281,301.34	1903
1904	14,021	3,319	4,137	7,945,700	5,867,625	13,813,325	1,424,530	15,237,855	17.40	225,003.32	11,744.15	5,696.87	11,625.00	15,716.05	3,627.28	273,412.67	1904
1905	14,559	3,334	4,235	8,020,150	5,845,800	13,865,950	1,463,745	15,329,695	18.00	227,044.58	12,077.04	5,922.31	18,600.00	15,272.57	5,488.01	284,404.51	1905
1906	14,572	3,363	4,235	8,131,450	5,787,100	13,918,550	1,559,330	15,477,880	17.80	229,006.55	12,222.49	6,183.01	16,275.00	16,188.40	4,100.81	283,976.26	1906
1907	14,860	3,382	4,318	8,288,850	5,781,500	14,070,350	1,664,060	15,734,410	17.00	219,753.24	9,264.95	7,183.32	18,000.00 } *102.00 }	15,880.08	6,038.36	276,120.97	1907
1908	15,122	3,393	4,344	8,450,675	5,788,475	14,239,150	1,733,810	15,972,960	18.50	234,100.42	14,397.93	7,868.56	24,750.00 } *19.75 }	15,606.50	7,444.60	304,187.76	1908
1909	15,246	3,416	4,438	8,627,425	5,775,725	14,403,150	1,746,675	16,149,825	19.30	250,100.51	13,567.95	8,158.34	20,250.00 } *19.75 }	17,350.17	11,220.90	320,567.62	1909
1910	15,735	3,447	4,490	8,865,325	5,771,450	14,636,775	1,827,090	16,463,865	19.40	255,567.13	14,834.95	8,494.76	23,760.00 } *19.51 }	16,478.32	9,224.31	328,378.98	1910
1911	16,118	3,503	4,515	9,164,225	5,757,450	14,921,675	1,975,950	16,897,625	20.40	276,517.13	15,496.52	11,634.39 } *4,076.16 }	23,760.00 } *20.00 }	15,170.07	7,067.28	353,741.55	1911
1912	16,241	3,564	4,596	9,452,650	5,757,150	15,209,800	2,213,000	17,422,800	20.40	283,731.71	15,804.48	9,412.75 } *1,323.37 }	27,000.00 } *18.75 }	14,860.33	12,466.03	364,617.12	1912
1913	16,612	3,611	4,620	9,791,425	5,791,425	15,582,625	2,420,900	18,003,525	20.40	289,544.80	17,103.24	10,262.39 } *1,655.79 }	32,640.00 } *20.00 }	16,466.40 *1,502.39	7,316.90	376,511.91	1913
1914	17,037	3,674	4,685	10,144,550	5,816,700	15,961,250	2,606,080	18,567,330	21.70	316,917.47	17,437.18	10,558.39 } 1,731.04 }	35,700.00 } 67.65 }	19,577.92 } 136.46 }	10,154.95	412,281.06	1914
1915	17,096	3,748	4,850	10,494,300	5,823,300	16,317,600	2,623,780	18,941,380	23.70	359,106.29	17,201.57	10,796.50 } 1,621.29 }	39,780.00 } 52.40 }	20,682.55 } 133.25 }	9,236.85	458,610.70	1915

*Charles River Basin. *State Highway. *Miscellaneous.



Report of Inspector of Wires

*To the Honorable Mayor and Board of Aldermen,
City of Melrose, Mass.*

Gentlemen:—I respectfully submit the following report of the Wire Department from July 7, to December 31, 1915.

Fire Alarm System

The Fire Alarm System has been kept in good repair, two miles of wire has been run in on outside circuits, and thirty-five cross arms have been replaced.

Three new boxes have been installed at locations as follows: Wyoming Depot, cor. Mt. Vernon and Brown Streets, Wyoming Avenue, near Whittier Street.

Two traffic gongs have been installed, one at Franklin Square and the other at the corner of Grove and Main Streets.

Police Signal System

The Police Signal System has been kept in good repair. Fifty cross arms have been replaced and the wires insulated from trees in many places. The instruments in Police Headquarters have been kept in first-class condition.

Inspection of Wires

Four hundred and thirty-eight inspections have been made of old and new houses. Two hundred and twenty-five permits have been issued, allowing current to be turned on.

Great care has been taken in the so-called "reconnections" which should be looked after very carefully, as some of them are in such bad condition that it is dangerous to allow the current to be turned on until repairs are made.

Since the new Ordinance calling for the collection of fifty cents (.50) for Inspection has gone into effect, I have collected and turned over to the City Treasurer, Twenty-nine Dollars and Fifty cents (\$29.50).

Recommendations

I recommend that a new eight-circuit repeater and protector board be purchased and installed at Fire Alarm Headquarters to replace the old one which has been in use for over twenty-five years.

Some of the outside circuits should be made smaller as they cover altogether too much territory. One circuit covers the whole west side of the city from Sewall Woods Road to the Boston Rubber Shoe factory. If a wire should break, or for any reason that circuit should go out of commission, that whole section would be unprotected as far as fire alarm boxes are concerned.

Respectfully submitted,

FRED A. EDWARDS,
Inspector of Wires.

Report of Inspector of Buildings

To His Honor the Mayor, and the Board of Aldermen:—

Gentlemen:—In making this, the annual report for the Building Department, I can say that this has been the most prosperous year of any in the history of the City of Melrose. The number of permits issued in 1915 was 288, with an estimated valuation of \$570,699.00, against a record of 200 permits, and an estimated value of \$388,445.00 in 1914, a gain of \$182,254.00.

I think I am safe in saying that a much larger proportion of the buildings, for which permits have been granted, are either built or are in process of construction than in the year previous, so that the assessors ought to find more than half a million of new taxable property,

Eighty-one permits have been granted for the construction of single houses valued at \$303,300.00 and 27 permits for two-family and tenement houses with a valuation of \$147,700.00, making a residential valuation of \$451,000.00, \$62,555.00 more than the total building valuation for the year 1914.

Permits have been granted for 41 private garages valued at \$9,350 and three blocks of stores valued at \$27,000. The balance of the permits were for alterations and the erection of shops, hen-houses, coal sheds and repairs after fires, etc.

The spirit of co-operation has been solicited on the part of the builders and foundation men to bring about a more uniform and much higher standard of building construction than ever before, and there is a feeling to-day that all are working on the same basis. This has taken much time, and more than 400 official visits have been made by the present Inspector between April 23, 1915 and January 1, 1916, to say nothing of the many conferences given in regard to interpretations of the ordinances and advice.

Every building in process of construction ought to be visited at least four times by the inspector and in many cases more.

There seems to be a thoughtlessness on the part of many of our citizens, and alterations and even small new buildings are in process of construction, and in some cases nearly completed, before it comes to the knowledge of the Inspector. There ought not to be an opportunity for such conditions to occur. This could be obviated if it were possible for the Inspector to make a circuit of the whole city at least once every week.

The Inspector is indebted to the police and many private individuals for information he could have received in no other way.

As the standard of building construction is raised, the services of the Building Inspector is more and more sought after, and even under the present conditions no man could be engaged in any business requiring definite time and hours and do justice to the requirements of the Building Department.

CITY OF MELROSE

Financial Statement.

Appropriation.....	\$25.00
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Expended

Advertising Office hours.....	\$5.00	
Printing abstracts of Building Ordinances.....	10.00	
Balance.....	10.00	
	\$25.00	\$25.00

Respectfully submitted,

[WILLIAM S. ALLEN,
Inspector of Buildings

Report of the Sealer of Weights and Measures

To the Mayor and Board of Aldermen:—

*Gentlemen:—*I submit herewith a report of the work of this department for the year ending Dec. 31, 1915.

Platform	Adjusted	Sealed	Condemned
Scales, over 5,000 lbs.....	5	12	2
“ under.....	6	29	7
“ Counter.....	6	121	
“ Spring.....	11	88	2
“ Computing.....	1	33	2
“ Slot (Personal).....		14	4
“ Druggist.....		5	
Weights (Avoirdupois).....	56	633	
“ Apoth and Troy.....	3	109	18
“ Metric.....		15	
Measures, Dry.....		21	
“ Wet.....		177	
Pumps (Oil, Gasolene).....	3	35	
Ice Cream Molds.....		713	
Yard Sticks.....		20	
Totals.....	91	2109	38

16 Loads of Coal, even weight, 2 loads
over “ 6 “ average 26 lbs.
under “ 8 “ “ 31 “

E-penses, \$48.14

Receipts, \$63.69 paid to Treasurer. Receipt on File.

Inspection in Stores and from Teams

Packages reweighed.....	668
“ found correct.....	609
“ under.....	9
“ over.....	44
Other inspection, i.e., condition of scales, measures, etc.....	206
“ Pedlars' wagons.....	9
“ “ License.....	3
“ Milk wagons.....	2
“ Ice “.....	18
“ Junk “.....	6
 Total Inspection.....	912

Many minor inspections and corrections made were not recorded, being a matter of routine.

A full report has been rendered to the State Department. The Standards in this office are in good condition and are inspected frequently by State Officers. The working sets are equal to any city in the State and are kept in as good condition as possible. Very little trouble is encountered in our stores. The Personnel of our Merchants is above the average. We met with a ready response to all our suggestions. Carelessness is the one point that keeps the department on the lookout.

We are troubled but little with pedlars, and under the New State law with State help things will be even better.

Respectfully,

CHARLES E. MERRILL,

Scaler of Weights and Measures

Annual Report
OF THE
Board of Health
OF THE
City of Melrose
FOR THE
Year Ending December 31st,
1915

MAYOR

Honorable Charles H. Adams

BOARD OF ALDERMEN**COMMITTEE ON EDUCATION, HEALTH AND CHARITY**

Alton W. Eldredge, *Chairman*; Lorin A. Presby, William T. Fahy, Charles Drew, Adonis D. Howard, Frank H. Noyes, Esq., Dr. Forrest F. Pike.

MEMBERS OF THE BOARD OF HEALTH

Dr. Clarence P. Holden		21 Vine Street
Dr. Ralph R. Stratton		654 Main Street
Philip B. Carter, Esq.		26 Poplar Street

Chairman, Clarence P. Holden, M.D.

OTHER OFFICERS

Grace French, *Clerk*.

Andrew J. Burnett, *Plumbing Inspector*.

Frank P. Sturges, *V. S. Inspector of Animals and Slaughtering*.

David O. Parker, *Inspector of Slaughtering*.

Robert N. Hoyt, *Inspector of Milk*.

Dr. Ralph R. Stratton, Dr. Arthur T. Gage, Dr. Albert E. Small,
Medical Inspectors of Schools.

Report of Board of Health

To the Honorable Mayor and Board of Aldermen, City of Melrose:—

Gentlemen:—The Board of Health respectfully submits herewith its annual report for the year ending December 31, 1915.

There were two changes in the Board of Health during the year, Dr. Ralph R. Stratton and Philip B. Carter, Esq., succeeding Arthur A. Hayden, Esq., and Melvin A. Walter.

DISEASES DANGEROUS TO THE PUBLIC HEALTH

The total expenditures for the care of contagious cases was much less than for the previous year.

While the general health of the City has been good, yet there have been serious outbreaks of scarlet fever, typhoid fever and diphtheria.

Diphtheria.—In January there were nine cases, the last of an epidemic coming over from the previous year. During the balance of the year there were only occasional cases, there being forty-one in all with only one death.

It is probable that recent investigations have added the most important knowledge with respect to certain phases of diphtheria that has been gained since the discovery of antitoxin, which has robbed diphtheria of so much of its danger and terror.

This is the discovery that a considerable per cent of the people are naturally immune to diphtheria, ranging from thirty per cent in the new born to ninety per cent in adults.

The method of determining who is immune and who not is being worked upon by many bacteriologists, including our own State Department of Health, and it seems reasonable to expect that the method will soon be available for general use.

Scarlet Fever.—We began the year with a considerable number of cases of scarlet fever, which apparently were under control, when in May in two days six cases were reported, five of which had the same milk supply. There were fifteen cases in all in this group. Upon investigation, a case of scarlet fever was found in the family of a milk man, and subsequently two more desquamating cases were found in his family. With the approval of the State Department, orders were adopted for the dairy.

The outbreak was very early under full control and no new cases were traced to this source.

In the opinion of the Board, the milk man was guilty of gross negligence and he was prosecuted in the courts for not reporting the case and being guilty.

There was a total of sixty-two cases during the year with two deaths.

Typhoid Fever.—In April there was reported a group of six positive cases in various parts of the city, all having milk from the same supply. In addition to these, as many more cases were investigated which it seemed probable were genuine cases, but positive diagnosis was not made.

There was a total of fifteen cases reported during the year but seven of these were of foreign origin. There were no deaths.

Measles and Whooping Cough.—During the first half of the year there was an epidemic of measles, there being in all 476 cases reported with one death. During the month of December 1915 there were reported six cases of whooping cough, which at the time of writing this report in January 1916 is reaching the stage of an epidemic. It is unfortunate that people do not recognize the gravity of these diseases and make more effort to isolate cases during their early stages.

Tuberculosis.—The total number of cases on the list December 31 1914, was sixteen. Thirty new cases were reported during the year, three of which proved upon investigation not to be living in Melrose, making a total of forty-three cases. The disposition of these cases was as follows: Arrested four, deaths fourteen, removals five, leaving twenty cases on our records December 31, 1915 as against sixteen on December 31, 1914.

Of twenty-seven new cases reported, twenty-four were pulmonary, one tuberculosis of glands, one tuberculosis of the spine and one tubercular meningitis. As to the origin of the twenty-seven new cases twenty-four should be classified as having their origin in Melrose and three outside. Of these twenty-seven cases four were reported only by death and twenty-three were found living. Two of these had been in Melrose less than one month. Four of these cases had been reported elsewhere. One of our cases had been previously reported and placed upon the arrested list but the patient becoming worse, was again placed on the active list.

Of fourteen deaths of tuberculosis cases, thirteen died from tuberculosis and one from other causes. Of these thirteen deaths, one was meningeal, one spinal and eleven pulmonary.

Of fourteen Melrose deaths, three were non-residents and should be deducted while there were three Melrose cases dying outside, which should be added leaving the total of fourteen deaths.

Thirteen cases were admitted to various hospitals, all but two of these being paid for by the city. Five cases were aided in their homes, the total expenditure for the care of tuberculosis cases being considerably larger than in any previous year, the amount being \$1,714.63 as against \$885.91 in 1914. \$353.30 was paid for two cases who were non-residents but had a settlement in Melrose.

During the latter part of the year, Miss Irving began her services as Public Health Nurse and has been of great aid in the tuberculosis work.

Tuberculosis Dispensary.—By the generosity of the Melrose Hospital which also maintains Miss Irving as a Public Health Nurse, a Tuberculosis Clinic was established there, which is open one hour daily except Sundays and every Friday evening from seven to eight o'clock.

The most effective tuberculosis work in the future must be done in the early detection of cases, when they are susceptible to proper treatment. This is the work which the Public Health Nurse and Dispensary will be of the greatest aid in accomplishing.

Table I
FINANCIAL STATEMENT

	1914	1914 Totals	1915	1915 Totals
Total Appropriation.....		\$8,710.00		\$9,525.00
Special appropriation for safe.....		100.00		
Expenditures				
General Administration.....		1,094.91		1,146.16
Salaries of Board.....	\$650.00		\$650.00	
Salary of Clerk.....	270.13		270.86	
Stationery, postage and printing.....	52.13		58.75	
Telephone.....	48.51		50.02	
Office furnishings.....	31.20		55.20	
Reports and adds.....			23.15	
Other Expenses.....		1,124.32		978.15
Examination of cultures.....	10.00		6.00	
Sanitary Inspection.....	208.31		40.80	
Plumbing Inspection.....	650.00		650.00	
Fumigation and Disinfection.....	221.76		128.28	
Dumps.....			8.71	
Burial Dead Animals.....	50.50		43.00	
Office furnishings.....	8.86		13.72	
Care of Insane.....	9.00		12.00	
Inspection of Ice.....	42.00		33.00	
Use of Automobile and Carriages.....	14.50		8.00	
Sundries.....	9.39		34.64	
Quarantine and Contagious Dis. Hosp....		4,425.54		2,362.44
Outside Aid.....	408.18		84.37	
Maintenance of Contagious Hospital....	3.00		1.80	
Maintenance of patients at other hosp.	3,787.00		1,909.16	
Board while in quarantine.....			59.29	
Reimbursement of other cities.....	102.86		253.07	
Ambulance and carriages.....	124.50		54.75	
Inspection.....		798.74		880.00
Inspection of school children.....	218.75		225.00	
Inspection of animals and slaughtering	146.65		155.00	
Inspection of milk.....	100.00		100.00	
Milk analyses.....	333.34		400.00	
Refuse and garbage disposal.....		2,000.00		1,696.45
Removal of garbage.....	2,000.00		1,696.45	
Tuberculosis.....		885.91		1,686.63
Outside aid.....	72.93		314.10	
Board in Hospitals.....	801.52		1,329.20	
Ambulance and transportation.....	2.34			
Sundries.....	9.12		43.33	
Safe.....		100.00		
Total expenditures.....		10,529.42		8,749.83
Revenues of Board of Health.....		991.32		1,224.42
Licenses.....	44.00		42.50	
Reimbursements.....	947.32		1,181.92	

Table II

CASES AND DEATHS OF DISEASES DANGEROUS TO THE PUBLIC HEALTH BY MONTHS

This table includes all cases (with their deaths) irrespective of whether cases were transported into the city from elsewhere or were contracted outside of the City, also all deaths of Meiose cases dying in hospitals out of town.

Months	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polio-myelitis		Tuberculosis						Total for Month	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Pul and Miliary		Meningeal		Other Forms			
																	Cases	Deaths	Cases	Deaths	Cases	Deaths		Cases
January.....	9	..	9	..	..	..	44	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	63	1
February.....	4	..	1	..	..	..	4	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	10	1
March.....	2	..	9	..	..	..	58	..	..	..	..	..	..	..	..	..	2	1	1	..	..	..	74	1
April.....	3	..	8	..	5	..	288	..	..	..	..	..	1	..	..	..	1	1	1	1	..	..	307	2
May.....	5	..	23	2	2	..	75	1	..	..	..	..	..	..	..	..	2	3	1	..	..	..	107	6
June.....	2	1	8	..	..	..	2	..	1	..	..	..	1	..	..	..	..	1	3	..	..	..	15	2
July.....	3	..	..	..	..	..	1	..	3	..	..	..	2	..	..	..	..	1	3	2	..	..	6	5
August.....	5	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..	..	11	1
September.....	1	..	1	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7	..	..
October.....	7	..	..	..	1	..	1	..	6	..	..	2	..	..	1	..	..	2	1	..	..	..	19	1
November.....	..	..	..	..	6	..	1	..	..	..	..	2	..	..	..	..	..	2	1	..	1	..	9	1
December.....	..	..	3	..	..	..	1	..	6	..	..	..	..	..	..	..	..	1	..	..	1	..	13	1
Total.....	41	1	62	2	15	..	476	1	16	..	..	12	..	2	..	..	15	13	1	3	1	1	641	21

Table III

CASES AND DEATHS OF CERTAIN DISEASES EACH YEAR FOR TEN YEARS

This table includes all cases (with their deaths) irrespective of whether the cases were transported into the city from elsewhere or were contracted outside of the city, also all deaths of Melrose cases dying out of town.

Years	Diphtheria		Scarlet Fever		Typhoid Fever		Measles		Whooping Cough		Smallpox		Ophthalmia Neonatorum		Polio-myelitis		Tuberculosis				
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Pul. and Miliary		Meningeal	Other Forms	
																	Cases	Deaths		Cases	Deaths
1906	40	3	36	1	9	3	63	2	77	1	..	..	..	..	..	..	..	..	..	20	21
1907	50	3	80	1	8	1	18	1	14	2	..	..	..	..	..	..	..	..	..	22	23
1908	58	2	89	2	13	3	379	1	7	1	..	..	..	..	..	..	..	..	..	28	15
1909	18	..	106	1	15	3	24	1	124	..	..	..	..	..	2	..	39	..	4	1	2
1910	41	3	32	1	14	1	18	..	..	1	..	..	1	..	2	17	27	..	3	..	..
1911	20	..	36	1	6	1	129	1	39	..	..	..	3	..	1	10	15	..	..	..	..
1912	18	1	17	..	9	1	381	1	94	1	..	..	5	..	..	10	15	..	..	..	2
1913	17	2	71	3	7	2	46	..	31	1	..	..	7	..	4	13	22	1	2	1	..
1914	86	3	69	2	5	2	29	..	1	..	..	..	6	..	1	11	15	1	3	..	..
1915	41	1	62	2	15	..	476	1	16	..	..	..	12	..	2	13	15	1	3	1	1

Class No.	Cause of Death
20	Purulent infection and Septicaemia..... M F
28	Tuberculosis of Lungs..... F M
37	Syphilis..... F M 1
71	Convulsions of Infants (under 5 years of age)..... M F
78	Acute Endocarditis..... M F
91	Bronchopneumonia..... M F 1
92	Pneumonia..... M F
104	Diarrhoea and Enteritis (under 2 yrs.)..... M F
109	Hernia, Intestinal obstruction..... M F
150-2	Congenital malformations..... M F
151-1	Congenital debility, icterus and sclerema..... M F 4
151-2	Congenital debility, icterus and sclerema..... M F 2
152-1	Other causes peculiar to early infancy..... M F 1
152-2	Other causes peculiar to early infancy..... M F 2
153	Lack of care..... M F 1
168	Absorption of deleterious gases (conflagration accepted)..... M F 1

Bacteriology.—Except for the bacteriological examination of milk and ice cream the Board has had the services of the Bacteriological Laboratory of the State Department of Health. All suspicious throat cases are required to have cultures and all cases of diphtheria before release. Two successive negative cultures are required now instead of one as heretofore.

Examination of the sputum for the diagnosis of tuberculosis and of the blood and other secretions in the diagnosis of malaria, typhoid fever and ophthalmia neonatorum has been made.

All cases of diphtheria and scarlet fever which could not be isolated at home have been cared for in the Malden Contagious Hospital. Ten cases of diphtheria and fourteen cases of scarlet fever were cared for at the Hospital.

Antitoxin.—Antitoxin furnished by the State Department of Health has been furnished freely for all cases of diphtheria.

Vaccination.—Seventy-three vaccinations have been performed at this office for school children and one hundred and twenty-seven examined and certificates of vaccination issued.

Disinfection.—Disinfection at the close of contagious diseases is held to be of much less importance than formerly. This Board has not, however, felt that it was wise to discontinue it entirely and the Board continues terminal disinfection by formaldehyde gas after all cases of scarlet fever, diphtheria, typhoid fever, tuberculosis and infantile paralysis.

SCHOOL INSPECTION

Medical inspection of schools is under the Board of Health and has been carried on substantially as in previous years.

The diseases found among pupils include the following, viz.: Diphtheria, measles, mumps, scarlet fever, whooping cough, chicken pox, tonsillitis, adenoids, bronchitis, conjunctivitis, chorea, pediculosis, impetigo, ringworm, scabies, eczema and dermatitis.

Forty-four examinations of children between the ages of 14 and 16 who wished to go to work have been made.

BARBER SHOPS

The barber shops have been inspected, and are rated from a sanitary viewpoint as good, fair and unclean.

8 are rated good.

1 is rated fair.

0 are rated unclean.

BAKERIES

Bakeries have been inspected as required, and all were found in good sanitary condition.

FOOD PRODUCTS

All places where food products are sold have been inspected. From a sanitary viewpoint they are rated as good, fair and unclean.

Number rated good.....	41
Number rated fair.....	16
Number rated unclean.....	0

DAIRY INSPECTION

All dairies in Melrose, and in nearby cities and towns, supplying milk to Melrose, have been inspected. Also a number of dairies in New Hampshire were inspected. The general conditions in and near Melrose are much improved since our present method of milk inspection was adopted, and the facts given publicity.

Dairies are not scored but are rated good, fair and unclean.

Number rated good.....	27
Number rated fair.....	15
Number rated unclean.....	3

Total number inspected.....45

Milk licenses issued.....	68
To sell milk from stores.....	38
To sell milk from wagons.....	30

Report of Inspector of Milk

To the Board of Health, City of Melrose,

Gentlemen:—I herewith submit my report as Milk Inspector for the year 1915.

I. THE CO-OPERATIVE BOARD OF HEALTH ORGANIZATION

The work of Milk Inspector has been performed by me as Director of the Co-operative Board of Health Organization and Laboratory organized by the Massachusetts Institute of Technology and supervised by five professors from Technology, the United States Public Health Service and Harvard University.

II. SCOPE OF THE WORK

You have employed me to collect and analyze samples of milk and ice cream. The inspection of dairies and the detection and control of

infected milk supplies has been performed by you. The purpose of the milk analyses has been twofold: (1) the securing of clean milk through bacteriological analyses: and (2) the securing of unadulterated milk through chemical analyses.

III. METHODS EMPLOYED

Samples of milk have been collected monthly from each dealer delivering by wagon and every other month from stores, restaurants, etc., not selling in original packages.

Collections are made at irregular times and the sample is usually a pint or quart bottle intended for the customer. Other samples taken from cans or dip tanks are poured into sterilized bottles furnished by the collector. These samples are transported, packed in ice, to the laboratory by automobile and analyzed promptly.

The results of each analysis with comments and advice for the individual dealers are sent by us to your office for distribution.

IV. IMPROVEMENTS IN CLEANLINESS AND CARE OF HANDLING MILK

"The bacteria count" or number of bacteria per cubic centimeter has been determined by state methods. High numbers are due to the presence of dirt, failure to cool the milk, excessive age or a combination of these three factors. Fortunately, clean milk with low bacteria count may be produced in inexpensive dairies. Clean milkers will produce clean milk in any barn.

The number of samples analyzed bacteriologically increased from 285 in 1914 to 356 in 1915. There was also an improvement in the nature of the samples. 34.8 per cent of the samples contained less than 10,000 bacteria per cubic centimeter (an increase of 4.6 per cent over 1914), the limit for certified milk. The per cent of samples containing over 500,000 was reduced from 9.5 to 5.1.

Table I

RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK 1915

Bacteria per Cubic Centimeter	Samples from wagons	
	No.	Per Cent
Below 10,000.....	124	34.8
10,000 to 20,000.....	40	11.2
20,000 to 50,000.....	78	21.9
50,000 to 100,000.....	48	13.5
100,000 to 500,000.....	48	13.5
Total samples under 500,000*.....	338	94.9
500,000 to 1,000,000.....	7	2.0
1,000,000 to 5,000,000.....	9	2.5
Above 5,000,000.....	2	.6
Total samples above 500,000*.....	18	5.1
Total number samples collected.....	356	100.

*Maximum count allowed by Board of Health is 500,000 bacteria per cubic centimeter.

The records of individual dealers are given below in terms of the median (or middle number) of the bacteria counts when arranged in order of size.

Table II

MEDIAN NUMBER OF BACTERIA PER CUBIC CENTIMETER FOR EACH DEALER 1915

Dealer	Median Bacteria per Cubic Cent.	Dealer	Median Bacteria per Cubic Cent.
Atwood, F. C.....	76,000	Manning, J. S.....	8,000
Bloss, W. C.....	14,000	Marble, W. H.....	49,000
Bucci, Alexander.....	62,000	Marshall, E. B.....	8,000
Bugbee & Barrett.....	13,000	Moses, E. A.....	29,000
Burns, Mrs. Mary.....	40,000	Munn, T. J. & Son.....	6,000
Caswell, W. S.....	1,800,000	Outram, A. W.....	9,000
Chisam, S. A.....	70,000	Pais, Anthony.....	35,000
City Farm.....	12,000	Penney Farm.....	41,000
Dunn, W. F.....	41,000	Quinn, M. J.....	5,000
Fleming, R. P.....	15,000	Roulston, R. R.....	27,000
Forbes Bros.....	40,000	Sellers, R. A.....	42,000
Friend Bros.....	53,000	Smith, A. M.....	5,000
Goldsmith, G. B.....	23,000	Spratt, Mrs. Abbie.....	7,000
Guittes, Harry.....	14,000	Sturges, Dr. F. P.....	19,000
Hood, H. P. & Sons.....	41,000	Turner Centre.....	74,000
Howard Farm.....	24,000	Varley Lunch.....	650,000
Leach, F. N.....	10,000	Whiting, D. & Sons.....	26,000
Levy, George.....	42,000	Wilkinson, E. E.....	20,000
Luce, R. A.....	45,000		

Maximum count allowed by Board of Health is 500,000 bacteria per cubic centimeter.

VI. RECOMMENDATIONS

As Milk Inspector, I would respectfully make the following recommendations:

(1) That a sufficient appropriation be secured to place the inspection of dairies under my charge.

(2) That the public and the milk dealers be instructed that the cleanest milk is unsafe unless pasteurized, and that milk should be clean and fresh as well as pasteurized.

(3) That the milk supply of Melrose be graded A, B and C according to cleanliness, health of the cow, etc., and that the cap of every milk bottle be stamped with the proper grade and also the words "pasteurized" or "raw" as the case may be.

Respectfully submitted,

(signed) ROBERT N. HOYT,

Milk Inspector

Report of Inspector of Animals

Melrose Board of Health:—

Owing to the outbreaks of foot and mouth disease during the last year, the annual inspection of cattle, etc., was not deemed advisable by the Department of Animal Industry and so was not made. Disposed of two cases of rabies, made inspections of three other dogs which were under suspicion, but were later released.

Very respectfully,

(signed) F. P. STURGES,

Inspector of Animals

NUISANCES

The following is a list of nuisances abated by order of the Board of Health or its agent, during the year and in parallel column, nuisances abated during the previous year.

	1914	1915
Privy nuisances.....	3	3
Privies abolished.....	12	3
Cesspool nuisances.....	6	3
Cesspools abolished.....	18	25
Premises connected with sewer by order of Board.....	1	1
Hen nuisances.....	3	5
Dumping nuisances.....	3	13
Uncleanly premises.....	9	17
Pig nuisances.....	2	1
Stable nuisances.....	1	2
Manure.....	1	3
Stagnant water.....	2	1
Insufficient sanitary provision.....	2	2
Obstructed house drain.....	1	0
Defective plumbing.....	5	4
Defective drainage.....	0	8
Animals in apartments.....	0	1
Committing nuisance.....	1	2
Offensive rabbit pen.....	1	0
Smoke from dump.....	0	1
Failure to observe quarantine.....	0	2
Mangey dog.....	0	1
Flies.....	0	1
Complaints investigated and no cause for complaint.....	4	9
Dead animals buried.....	66	56

GARBAGE AND RUBBISH

Chapter 6, Section 1 of the Regulations of the Board of Health has been amended and reads as follows, viz:

"Householders and the proprietors of stores, groceries and markets, or any other places where garbage is made, kept or stored, and the landlords of all apartment and tenement houses shall provide separate receptacles, of sufficient size, for household waste and garbage.

First.—A covered, watertight, flyproof bucket for offal, refuse, animal and vegetable waste, such receptacle to be kept covered, in a place secure from the depredation of dogs and other animals, and convenient of access. The contents thereof to be removed only by the persons authorized by the Board of Health.

Second.—All garbage must be drained and water kept out of the garbage bucket. No tin cans, broken crockery or glass bottles shall be put in the offal bucket but these should be put in the ash barrel. Raw meat, fish or fowl of any parts thereof shall be wrapped in paper before placing them in a garbage receptacle. OFFAL ON THE GROUND WILL NOT BE COLLECTED.

Third.—Barrels, preferably of iron, shall be provided for ashes and other dry household waste, to be removed by or under the supervision of the Superintendent of Public Works. All paper should be securely bundled or baled, and kept separate from the ashes.

Report of Inspector of Plumbing

January 1, 1916

To the Board of Health, City of Melrose, Mass.

Gentlemen:—I submit the following as the annual report of plumbing inspection for the year ending December 31, 1915.

Number of applications received	276
Number of permits granted	276
Number of new buildings connected with sewer	91
Number of old buildings connected with sewer	25
Number of new buildings connected with cesspools	11
Number of old buildings connected with cesspools	3
Number of sinks installed	224
Number of wash trays installed	169
Number of water closets installed	275
Number of bath tubs installed	226
Number of wash bowls installed	220
Number new traps installed	50
Number pantry sinks installed	1
Number of urinals installed	1
Number garage wash stands installed	3
Number of shower baths installed	2
Number of lead pipes replaced	1
Number of soil pipes relocated	2
Total number of fixtures installed	1174

Respectfully submitted

ANDREW J. BURNETT,

Inspector of Plumbing

Report of the Public Health Nursing Service

To the Board of Health, City of Melrose, Mass.

Gentlemen:—The Public Health Nursing was taken up in Melrose the last of July, 1915 with the opening of the Free Tuberculosis Dispensary. As a starting point the families of all patients who had been reported to the Board of Health since 1900 were looked up.

Of the 278 households on record since 1900, 113 had moved to other cities or all members were dead, 73 households, all the members were in good health, of 30 households no information could be obtained, 9 were temporarily out of the city, in 14 households the families were put on our visiting list, as some members were considered as suspicious cases, in 32 patients the disease was arrested or cured and all the members of the households were in good health.

Some of these have since been persuaded to see their family physician.

This brought us in contact with a great many more families than the ones on our list and some suspicious cases were found which had no connection with the people we were trying to find.

Where families who were tubercular were found to have moved to other cities recently, their addresses were taken when possible, that their local health officer might be notified.

Our last report to the State showed 19 active cases who were being visited.

A case of tuberculosis was found which is a good illustration of what is likely to take place when a case is not reported to the Board of Health. A patient in the last stages of tuberculosis with discharging abscesses, was being cared for by her husband. No precautions were taken whatever, and the bedding which was saturated with the discharge was sent to the public laundry. A visit to the laundry showed that they were put in with dozens of other family washings and the only means of disinfection was when they were returned home and put on the line to dry. In case they were dried in the house, they didn't get even that. It took much strenuous effort and the co-operation of a housekeeper, a physician and the Public Health Nurse before the situation could be satisfactorily arranged.

RED CROSS SEALS

During December we had permission to sell the Red Cross tuberculosis seals in the schools. Short talks were given in the schools on tuberculosis. The sale was taken up enthusiastically by the pupils who raised over \$130.00 for the local tuberculosis work. Each boy or girl who sold 100 seals was given a Modern Health Crusade Pin.

In recognition of the work done by the children, one interested citizen has donated a sum of money to be used in supplying the schools with sanitary soap dishes.

INFANT WELFARE

From August to December 206 babies under 6 months of age were visited. Fifty visits were made to give instruction in milk modification and general care. Ninety-six visits were made to give nursing care.

In October a Baby Conference was opened in the Dispensary at the Melrose Hospital. Dr. Small, who is giving his time to this work meets the mothers and babies one afternoon in the week. The babies are examined and their weekly gain recorded. Their food is prescribed by the doctor and when necessary the home is visited by the Public Health Nurse and the mother is given instruction in its preparation. The Conference was started with three babies who had been discharged from the Hospital. We now have ten enrolled and more are being added. Our object is to prevent sickness rather than to cure it.

SCHOOL NURSING

During the month of December, work was taken up in the public schools. The schools are visited once a week by the nurse. With ten schools it can perhaps be understood how impossible it is to do thorough work.

If children is excluded from school on account of sickness or contagious disease we like to keep in touch with them at their homes and if necessary see that means are provided for their treatment and in case of contagious disease see that it is confined as much as possible, to the home.

The usual order of class room inspection is carried out as much as possible. The children are inspected in the class room, any who seem to need it are referred to the school physician. The parents are then notified of any physical defect and are asked to consult their family physician.

In a small school on the outskirts of the city the children are small and have a considerable distance to go which makes it necessary for them to carry their lunch. With the permission of the Superintendent of Schools and the support of an enthusiastic teacher who is willing to put her time and energy in the extra work, hot dinners are given the children. They are easily persuaded by the teachers that it is much better for them to spend their pennies for a cup of hot soup or cocoa than to spend them for candy from the little store. The parents are much interested and a pail of broth or a bottle of milk is very often sent to the school by some interested neighbor.

Respectfully submitted,

J. M. IRVING,

Public Health Nurse

UNDERTAKERS

The following named undertakers have been licensed: Albert J. Walton, John H. Gately, Stephen W. Harvey, Fred T. Churchill and Henry W. Clark.

BOARDING HOUSES FOR INFANTS

The Board has approved the applications of the following named persons to maintain boarding-houses for infants: Nellie Crosby, Marie Fester, Mary E. Silver, Mary Bourne, Clara J. Manley, Jane Harfst, Victoria Hobart.

ESTIMATED POPULATION JULY 1, 1915, 17,000

	1910	1911	1912	1913	1914	1915
Apparent death rate per 1,000 population	13.00	10.98	10.33	11.30	11.59	12.58
Corrected death rate per 1,000 population	14.43	12.03	11.88	12.91	11.84	12.00

NOTE. The corrected death rate is found by eliminating the records of all non-residents dying in Melrose and adding the records of all Melrose residents dying elsewhere, as shown by the records of the City Clerk.

CLARENCE P. HOLDEN,

RALPH R. STRATTON,

PHILIP B. CARTER,

Board of Health

Report of the Overseers of the Poor

To the Honorable Mayor and Board of Aldermen,

City of Melrose:—

*Gentlemen:—*The Board of Overseers of the Poor herewith submits its annual report for the year ending Dec. 31, 1915.

Individuals aided.....	407
Adults.....	152
Children.....	255
Having settlement in Melrose.....	258
Having settlement elsewhere in state.....	119
Having no known settlement.....	30
 Families aided.....	 98
Having settlement in Melrose.....	68
Having settlement elsewhere in state.....	23
Having no known settlement.....	7

FULL SUPPORT

Supported at City Home.....	20
Boarded in private families.....	5
Children boarded by State.....	5
Deaths at City Home.....	1
Cases admitted during year.....	11
Cases discharged.....	10
Remaining at City Home Jan. 1, 1916.....	8
At Massachusetts Hospital School.....	1

Appropriations

General Administration.....	\$800.00
Almshouse.....	2,800.00
Outside Relief by City.....	3,000.00
Relief by other cities and towns.....	1,800.00
Mother's Aid.....	2,500.00

Receipts

Almshouse.....	\$1,083.98	
Reimbursements.....	2,498.33	\$3,582.31
 General Administration.....	 \$798.26	
Almshouse.....	2,700.80	
Outside relief by the City.....	2,999.88	
Relief by other cities and towns.....	1,791.31	
Mothers' Aid.....	2,499.10	

MOTHERS' AID
Expenditures

	Cash	Groceries	Rent	Sundries	Fuel	Clothing	Total
January.....	\$129.50						\$129.50
February.....	121.00	14.64	7.00				142.64
March.....	148.50	21.30	7.00				176.80
April.....	145.00	15.27	7.00				167.80
May.....	387.01			2.35	9.14		398.50
June.....	149.50	17.07	7.00			2.00	175.57
July.....	152.00	35.76	7.00				194.76
August.....	129.50	12.67	14.00	2.00			158.17
September.....	130.00	17.99	7.00				154.99
October.....	148.00	15.02	7.00				170.02
November.....	359.83	26.00	7.00				392.83
December.....	200.00	36.55				1.50	238.05
Totals.....	\$2,199.84	\$212.27	\$70.00	\$4.35	\$9.14	\$3.50	\$2,499.10

ADALINE G. REED

THOMAS F. TROY,

BERTRAM E. LOVEJOY

Overseers of the Poor

Report of City Physician

January 31, 1916

To the Honorable Mayor and Board of Aldermen:

City of Melrose, Mass.,

Gentlemen:—I send you herewith the tenth annual report of the City Physician for the year ending December 31, 1915.

Visits made for the Charity Department:

At the City Home.....	45	
To the patients in their homes.....	210	255

Office calls.....	95	
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Visits made for the Health Department:

To patients in their homes.....	119	
Visits of inspection and consultation.....	167	286

Office treatment for pupils of the public schools.....	73	
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Visits for the Police Department.....	6	
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Examinations by order of Mayor.....	7	
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Vaccinations.....	73	
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Respectfully,

CLARENCE P. HOLDEN,

City Physician

Report of the Police Department

January 29, 1916

To the Honorable Charles H. Adams, Mayor, and the Members of the Honorable, the Board of Aldermen of the City of Melrose.

Gentlemen:—In compliance with Chapter 33 of the Ordinances of this City, I respectfully submit the following report of the Police Department for the year 1915:

FINANCIAL

Appropriation:

Salaries and wages.....	\$18,543.42
Aldermanic order.....	25.00

\$18,568.42

Disbursements	18,523.30
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Balance	\$45.12
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Other expenses.....	200.00
Aldermanic order.....	100.00
Aldermanic order.....	25.00
Aldermanic order.....	23.00

\$348.00

Disbursements	343.71
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Balance	4.29
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Equipment and repairs.....	\$350.00
Aldermanic order.....	100.00
Aldermanic order.....	20.00
Aldermanic order.....	25.00
Aldermanic order.....	25.00

170.00

180.00

Disbursements	147.21
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Balance	\$32.79
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Horses and care of same.....	\$425.00
Aldermanic order.....	20.00

445.00

Disbursements.....	439.80
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Balance	\$5.20
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Offences for which complaints have been made at Court.....182

MISCELLANEOUS REPORT

Accidents reported	15
Arrests for out of town officers	10
Articles found and returned to owners	12
Automobiles stopped and warned	56
Board of Health notices served	12
Boys throwing ball in the streets warned	9
Boys throwing stones in the streets warned	15
Buildings and houses specially protected	6
Cases and complaints investigated	158
Cats disposed of	7
Defects in streets reported	15
Defects in sidewalks reported	6
Disturbances suppressed	7
Dogs found	3
Dogs killed	1
Doors and windows found unlocked and secured	63
Electric and telephone wires burning trees	1
Electric and telephone wires reported down	11
Fire alarms attended by officers	14
Fire alarms given by officers	4
Horses found roaming and taken care of	4
Incandescent lights reported out	83
Insane committed	7
Investigation of jurymen	48
Lost children found and returned home	3
Letters delivered for City Clerk	1,983
Leaks in water pipes	4
Lanterns hung in dangerous places	31
Miscellaneous letters, telegrams, etc., delivered by officers	16
Obstructions removed from the streets	8
Persons assisted home	9
Runaway horses stopped	1
Street signs reported down	2
Summonses served	53
Special messages delivered by officers	10
Stray dogs brought to Station	4
Value of property recovered and returned	\$715
Duty calls by Officers from boxes for year	31,609
Telephone calls from boxes for the year	3,200
Wagon calls from boxes for the year	42
Ambulance calls from boxes for the year	1
Ambulance calls from other sources	175

Respectfully submitted,

GEORGE E. KERR,
Chief of Police

Report of Fire Department

January 1, 1916

*To His Honor, the Mayor and the Board of Aldermen,
City of Melrose, Mass.*

Gentlemen:—I respectfully submit the Annual Report of the Fire Department for the year ending December 31, 1915.

The Organization consists of four companies:—

Engine Company No. 1; Hook and Ladder Company No. 1; Combination A, Auto Hose and Chemical; Hose Company No. 4.

Call Force.—Chief Engineer, Deputy Chief Engineer, 29 Hose and Ladder Men.

Permanent Force.—2 Captains, 1 Lieutenant, 1 Chauffeur and Mechanic, 1 Engineman, 5 Drivers.

Apparatus.—1 Chief's Auto, 2 Auto Combinations, Chemical and Hose; 1 Steam Fire Engine; 2 Hose Wagons; 1 Hook and Ladder Truck; 3 Pungs; 8 Hand Chemical Extinguishers; 1 Exercise Wagon.

Hose.—There is 6,300 feet of good hose and 250 feet of poor hose in the department.

Horses.—There are 7 horses in the Department. One horse was sent to Red Acre Farm by consent of the Board of Aldermen, and has since been laid away. On the arrival of the new Auto Hook and Ladder Truck 2 horses will have to be disposed of, leaving 5 in the Department.

Fires.—The Department has answered 64 Bell Alarms and 139 Still Alarms the past year, with a small fire loss considering the large amount of property in buildings and contents endangered by fire, the value of same being \$112,100. The loss for the year amounts to \$17,192.62. Insurance on buildings and contents endangered by fire.....\$99,150.00
Insurance paid on buildings and contents endangered by fire..\$15,669.12

Fire Stations.—The Fire Stations are in good repair with the exception that the Highlands House needs to be painted and repaired.
Value of Personal Property of the Department.....\$23,809.15

Recommendation.—I respectfully call your attention to the need of more permanent men in the Fire Department.

Yours respectfully,

JOSEPH EDWARDS,
Chief Engineer

Report of the Park Commissioners

To the Honorable, the Mayor and Board of Aldermen of the City of Melrose:—
*Gentlemen:—*The Board of Park Commissioners herewith presents its Sixth Annual Report.

This report is printed and presented in conjunction with that of the Planning Board, as in many ways the lines of effort of the two bodies are common, for what to them seems of benefit, improvement, and the welfare of the citizens of Melrose.

The following will give in detail the appropriations and expenditures for the maintenance of the parks, and the improvements along the Ell Pond Embankment, also the maintenance of the bath-house at Ell Pond.

APPROPRIATIONS FOR 1915

Divided as Follows

Parks, General Administration:	
Salaries and wages.....	\$50.00
Other expenses.....	100.00
Parks and Gardens:	
Salaries and wages.....	650.00
Improvements and additions.....	600.00
Other expenses.....	175.00
Playgrounds:	
Salaries and wages.....	50.00
Improvements and additions.....	350.00
Other expenses.....	25.00
Bath Houses and Beaches:	
Salaries and wages.....	350.00
Improvements and additions.....	25.00
Other expenses.....	25.00
	\$2,400.00

Expenditures in Various Accounts

Parks, General Administration:	
Salaries and wages. Appropriation	\$50.00
Salary of clerk.....	50.00
Parks, General Administration. Other Expenses.	
Appropriation.....	\$100.00
Expended:	
W. J. Drummond.....	\$2.00
Postage.....	10.73
Free Press Concert Printing	15.50
Printing annual Report.....	42.50
Postage and sundries	1.88
Paul W. Rowell, photographs.....	2.25
Balance.....	25.14
	100.00

REPORT OF PARK COMMISSION

75

Parks and Gardens, Salaries and Wages:

Appropriation.....		650.00
Expended:		
George De Cost, caretaker.....	400.00	
Pay rolls, labor.....	181.88	
Pay rolls, police [Sundays].....	49.20	
Pay rolls, playground apparatus, care of.....	16.00	
Pay rolls, police [Concert June 27].....	2.10	
Transfer to shelter account.....	.82	
		650.00

Parks and Gardens, Improvements and Additions:

Appropriation.....		\$600.00
Expended:		
Walter Sandilands, labor and stock.....	\$260.00	
Keene Forestry Co. stock.....	15.00	
T. J. Hind Co., granolithic work.....	166.25	
L. Nickerson, awnings.....	40.00	
Framingham Nurseries, stock.....	25.53	
C. L. Hoffman & Son, labor.....	48.00	
Deering Lumber Co.....	25.60	
Iver Johnson & Co.....	5.89	
Perry Marston & Co.....	4.85	
Twombly's Express.....	2.00	
Frank E. Coyle.....	1.70	
George De Cost.....	1.00	
Brock Bros.....	1.00	
B. & M. R. R. old ties.....	2.00	
Transfer to shelter account.....	.03	
Transfer to Parks and Gardens		
Other expenses.....	1.15	600.00

Parks and Gardens. Other Expenses:

Appropriation.....	\$175.00	
Transfers from various accounts.....	11.96	186.96
Expended:		
George De Cost, moth work.....	\$54.00	
W. Sandilands, labor.....	2.40	
E. W. Mansfield, paints.....	14.14	
American Express Co.....	2.14	
C. L. Hoffman & Son, labor.....	28.21	
Frank E. Coyle, material.....	22.00	
R. & J. Farquhar, shrubs.....	20.25	
Casey, Florist Co., flowers.....	6.35	
H. S. Robertson, lowering topmast [2].....	10.00	
Deering Lumber Co.....	2.39	
W. J. Bowser, sharpening pick.....	.20	
Perry, Marson & Co.....	12.50	
Andrew Dutton & Co., flags.....	3.10	
J. A. Dill & Co., chairs.....	1.50	
Transfer to shelter account.....	.82	
Martin Allison, one-half day labor.....	1.25	
Cementing tree, Lynde Street lot.....	3.00	
Joseph Edwards, repair pulley block.....	1.75	
Balance.....	1.96	186.96

Playgrounds, Salaries and Wages:

Appropriation.....	\$50.00
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Expended:

Pay roll, labor.....	\$17.50	
Pay roll, police [Sundays].....	7.20	
Transfer to shelter account.....	25.03	
Transfer to Parks and Gardens, other expenses.....	27	
		50.00

Playgrounds, Improvements and Additions:

Appropriation.....	350.00
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Expended:

C. L. Hoffman & Son, labor.....	\$245.75	
W. Sandilands, labor.....	32.40	
Jacob Boyle, work on float.....	25.00	
Frank E. Coyle, material.....	20.61	
Charles H. Everson, labor.....	4.25	
Deering Lumber Co.....	4.24	
Brock Bros.....	1.00	
Pay rolls, labor.....	11.15	
Pay rolls, police [Sundays].....	2.40	
Benson Coal Co., sand.....	2.50	
Transfer to Parks and Gardens, other expenses.....	.70	
		350.00

Playgrounds, other expenses:

Appropriation.....	\$25.00
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Expended:

W. Sandilands, labor.....	\$11.79	
R. S. Ward, teaming.....	4.00	
P. W. Department water service.....	6.87	
Perry, Marston & Co.....	1.47	
Deering Lumber Co.....	.34	
Transfer to shelter account.....	.53	
		\$25.00

Bath Houses and Beaches, Salaries and Wages:

Appropriation.....	\$350.00
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Expended:

Pay rolls for caretaker and assistant.....	350.00

Bath Houses and Beaches, Improvements and Additions:

Appropriation.....	25.00
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Expended:

W. Sandilands, labor.....	\$19.20	
Transfer to Parks and Gardens, other expenses.....	5.80	
		25.00

REPORT OF PARK COMMISSION

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Bath Houses and Beaches, other expenses:

Appropriation.....	\$25.00
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Expended:

Malden Electric Co., lighting.....	\$3.10	
S. Cabot.....	2.50	
Eastman's Express.....	.25	
Perry, Marston & Co.....	6.43	
Deering Lumber Co.....	3.85	
Frank E. Coyle.....	1.88	
H. M. Ripley.....	1.70	
E. M. Mansfield, paints.....	1.25	
Transfer to Park and Gardens, other expenses.....	4.04	
		\$25.00

Shelter:

Balance from 1914.....	\$4.53	
Transferred from various accounts.....	27.23	
		\$31.76

Expended:

Malden Electric Co., lights.....	\$1.40	
Herbert L. Low, electric work.....	.75	
Malden Electric Co., for wiring.....	29.61	
		31.76

Main Street Embankment, special appropriation.....	\$500.00
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Expended:

C. L. Hoffman & Son, stock and labor.....	\$293.47	
Brock Bros., fence.....	201.87	
Perry, Marston & Co.....	1.20	
P. W. Department sewer division, pipe.....	.72	
Balance.....	2.74	
		500.00

Horace Mann Park.....	\$465.00
Ell Pond Park, acquiring land.....	373.75

Maintenance

The care of the parks as in past years was awarded to the lowest bidder for the work, as outlined by the Commission in invitations to the several bidders.

The results obtained have been fair, but as the improved park areas become larger, the constant and undivided attention of men directly under control of the Commission is more apparent.

Ell Pond Park

During the spring the small area east of the Knoll, and adjoining the drive has been graded, the filling of ashes covered with the soil excavated for walks, and the walks themselves graded with ashes. A walk just east of the drive has had the mud partially excavated, preparatory to filling it with ashes.

Along the southerly line of the boulevard, the ditch has been partially filled with ashes, and it is hoped this work may be completed the coming year.

Shrubs have been set around the Shelter and the Knoll and its approaches.

All of the above improvements are in conformity with the plan adopted by the Commission and which it hopes eventually to see completed.

This spot is becoming very popular with our citizens and its accessibility to all should be the first step in carrying out the plan of completion. To do this properly there should be constructed a suitable walk from Crystal Street, and a bridge crossing the brook near its mouth, the walk continuing along the shore of the pond to the bath-house.

During the summer, four band concerts were given under the management of the Metropolitan Park Commission, and one on June 27th through the kindness and generosity of Mr. John C. F. Slayton. At all of these concerts the large attendance attest their appreciation by the public.

As an added attraction the float has been provided with seats and moored off the end of the wharf.

Ell Pond Embankment

The improvements at this point are now substantially completed. Seats have been built facing the pond, three shelters erected, concrete gutters and walks laid, steps built, pipe railing erected, lights installed, walks graded, and shrubs and trees set out. The embankment will grow in its attractiveness as the shrubs reach their growth, and the trees attain the size to give the required shade. Some improvement may be looked for in the older portion of the embankment, which, if good fortune should place the remaining ice-house in the control of the City, would make possible a great public benefit, equal at least to the removal of those houses which the new park supplanted.

Ell Pond Bath House

This feature of our park system continues to hold its popularity and favor with the young and old alike, the Commission placed Mr. Martin Allison, in charge of the Bath-house with Mr. Forrester H. W. Pierce as assistant. Both have rendered excellent service, and by their skill and attention prevented at least three fatalities to bathers. Mr. Pierce is a graduate of the Posse Normal School of Gymnastics and came particularly well equipped for this work.

During the season there has been a total of 11,492 bathers, who have taken advantage of the facilities offered, 7,683 of whom were men and boys, and 4,259 of whom were women and girls. The accommodations are by far too limited for the number of bathers, and it is hoped in the near future to have more commodious and convenient quarters for the bathers.

Sewall Woods Park

In addition to the care of the trees, putting tanglefoot around them to protect them from gypsy and brown tail moths, the underbrush has been cleared up around the street lines and for about one hundred feet back. Early in the spring 500 white pine trees, about three years old, were bought and set out, and with a very few exceptions they are growing well. Additional seats have been purchased and set out.

Melrose Common

There have been but few improvements made here, additional seats were purchased and set out, and the usual repairs made to the band stand and bleachers.

The Commission desire to make this particular park a credit to the city and a matter of pride to the neighborhood. The first annual report of the Commission outlined the features it wished to complete viz:—a base ball field, running track, tennis courts, band stand, flag pole, flower beds, seats, etc. The expense is comparatively small and the advantages resulting will materially help the community.

Small Park Areas

The miscellaneous park areas which come under the control of this department have been cared for and maintained, the grass cut, trees trimmed, fountains and fences painted and repaired.

Late in the season another park area, to be called "Horace Mann Park", containing about 27,000 square feet of land, situated at the corner of Grove and Myrtle Streets, was turned over to the Commission by the Board of Aldermen, and with it the sum of \$465, obtained from the sale of the school building formerly standing on it. The matter of developing this property is still being studied by the Commission.

Recommendations

To carry out the line of improving at Ell Pond Park, will require a large amount of filling, best obtained by the collection of ashes and refuse. To place this fill on top of the present surface means a large expense, later on, to cover it with loam, and this can be better accomplished by excavating ahead of the fill, and covering it by the excavated material.

There is a considerable area, six to seven acres north of the Boulevard which can be filled if the necessary excavation is made in advance, and we would recommend that \$600 be added to last year's appropriation for beginning this work, making a total of \$3,000 for 1916, divided as follows:—

Parks, General Administration:

Salaries and wages.....	\$50.00	
Other expenses.....	100.00	\$150.00

Parks and Gardens:

Salaries and wages.....	\$1,000.00	
Improvements and additions.....	750.00	
Other expenses.....	200.00	\$1,950.00

Playgrounds:

Salaries and wages.....	\$50.00	
Improvements and additions.....	400.00	
Other expenses.....	50.00	\$500.00

Bath Houses and Beaches:

Salaries and wages.....	\$350.00	
Improvements and additions.....	25.00	
Other expenses.....	25.00	
		400.00

Total.....		\$3,000.00
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In addition to the above for maintenance and care, the commission are of the opinion that there are several of the improvements mentioned in their first annual report, viz:—the improvement of Melrose Common, the completion of the Crystal Street end of Ell Pond Park, and the acquiring of a right of way for the boulevard connecting the Highlands with Ell Pond Park, which should be accomplished at an early date.

The last mentioned of these three items is possible now before new buildings make its completion too expensive. The city already has extensive rights of ways in this territory for the brooks and sewers, and the accompanying plan indicates the additional area required. (See pages 12 and 13).

For carrying out these improvements the Commission again renews its recommendations to secure a legislative act authorizing the issue of \$100,000 in bonds, with the permission to expend \$20,000 each year for such improvements as may be deemed best. By this means the City can realize at an early date the benefits of its parks, and will add greatly to its ability to attract wealth to it, as a residential district.

CLARENCE T. FERNALD,
ADDISON L. WINSHIP
ROBERT A. PERKINS
GEORGE J. FOSTER
HARRY N. VAUGHN

Park Commissioners.

Eleventh Annual Report of Trustees of Pine Banks Park

December 31, 1915

To His Honor, the Mayor and the City Council of the City of Melrose:—

Gentlemen:—It has always been the desire of the Trustees of Pine Banks Park to so administer their trust, as to carry out as fully as possible the wishes of the generous donor,—Hon. Elisha S. Converse of Malden, to make the Park as distinct a contribution to the Citizens of Malden and Melrose, to whom it was bequeathed, as such a woodland and field can be.

The possibilities of such a park as a public resort have few limitations, except that of money. Nature has contributed delightfully, and nature lovers find very much that is attractive, and still much more could be added in the way of cultivated effects, if money could be supplied as liberally as it has been in the laying out of some private estates. But the demands made upon both municipalities for money seems to preclude this, and for several years past only the sum of fifteen hundred dollars has been appropriated annually by each, making a total of three thousand dollars. This permits of only such care as will preserve the property from actual depreciation, and no more; and three quarters if not more of this sum is for the wages of the employees, some of whom are employed only a part of the year. Could the Trustees be allowed an additional sum, the development of the "Zoo" for instance to the proportion of some of the privately owned parks, would be an attraction which many thousands would enjoy. But there is a satisfaction in knowing that so far as the Trustees have been able to provide, the "Zoo" furnishes a pleasing source of interest, and another feature as well, namely: The athletic field is receiving much use, as the report of the Superintendent shows one hundred and twenty-five (125) base ball permits issued, besides the numerous odd times when the fields have been occupied by the juvenile element, all of which indicates the large demand made by both communities upon the resources of the park.

There is a need, however, which the Trustees believe should receive special attention this year, and that it is the low, partly-filled land on the corner of Sylvan and Main streets in Melrose. Since the property has been used for park purposes, this portion has been unattractive because of its low swampy condition. There has not seemed to be any way of remedying this, except by filling, and the cost precludes the use of anything but ashes and waste material from the city carts. This method, however, always creates an unsightly appearance during the process, and it has now existed so long that the Trustees are ashamed of its continued unsightliness and believe that it should be improved, if for no other reason, that public property should be an object lesson of neatness and proper care, which this is very far from being. The Trustees have therefore, decided to ask each city to contribute one hundred dollars additional for this purpose, making sixteen hundred dollars or the total

sum of thirty-two hundred dollars for the year nineteen hundred and sixteen.

Looking toward the improvement of Sylvan Street from Main, the City of Melrose has lain a granolithic walk, and in conjunction with the Park Trustees, are seeking to improve this approach, which will give at the same time a finish to the Park on that street.

Your Trustees are seeking to administer their trust wisely, and in the public interest; but know that if more money could be allowed them, the public would receive a very much larger benefit.

Signed

EDWARD E. BABB
WILLIAM D. SERRAT
GEORGE LOUIS RICHARDS
WILLIAM M. BLAKELEY
CHARLES H. ADAMS

Trustees.

Report of Planning Board

Melrose, Mass.,

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To the Honorable, the Mayor and Board of Aldermen of the City of Melrose:—

Gentlemen:—The Melrose Planning Board respectfully presents its second annual report, in accordance with the legislative act under which it was organized.

The condition of our finances has prevented us from entering upon as extensive a line of work during the past year as we had hoped. It is evident that the city must limit its new constructive work to matters of present necessity, as compared with those that would prepare it in advance for its future needs.

We have tried to keep in view an orderly and adequate development of our city, and apply this practical consideration to such matters of public need as have received our attention since our last annual report.

City planning really means making timely provision for present and future needs of the people. It did not begin with the appointment of a planning board, neither has it a monopoly of it. Water supply, sewers, schools, hospitals, building construction, fire protection, etc., are as essential to the normal development of a city, as the laying out of streets and improving the outward appearance in order that the needs of a growing population be provided for.

The cost of these developments affects the ability to make other improvements.

Melrose is most fortunate in already having an efficient Park Commission, which has conserved public interest on some questions which might otherwise have engaged the attention of the Planning Board,—especially the development of Ell Pond and its environment.

For reasons already stated, we have not found it practical to make extensive topographical surveys and plans for the city's development.

We have, however, given much attention to a plan for relief from the bad conditions from the damming up, overflowing and general unsanitary condition of Spot Pond and Ell Pond Brooks.

This question has previously been taken up by the engineers of the Metropolitan Water and Sewerage Commission and a comprehensive system submitted, which would doubtless have proved to be a complete solution of this vexatious and serious problem. The cost of this plan however, now estimated to be nearly \$400,000, to be apportioned by the Supreme Court, or some other form of arbitration between the Commonwealth, and cities of Malden and Melrose, makes pertinent the question of how large a contribution Melrose would think it wise to make.

While every one must admit that such a method of apportionment would be fair, yet the possibility that Malden and Melrose might be assessed one hundred, or one hundred and fifty thousand dollars each, causes both cities to hesitate in accepting the conditions in this plan.

For more than a score of years, discreditable conditions have existed in and about these brooks, which overflow during periods of heavy rain, and are a constant menace to adjacent property owners, and an annoying source of flies, mosquitoes and unsanitary conditions.

Such untoward conditions existing for so long a time, justly raise the question whether there is not some plan by which Melrose might reach an approximate solution of the problem, at a cost consistent with her ability to pay, without too serious a burden of taxation.

We beg to submit the following plan:

Deepening the Brooks.—From the Stoneham line near the Middlesex Fells Reservation to the Melrose-Malden line the brook has a fall of about $6\frac{1}{2}$ feet, and in many places the slope of the bed is in the opposite direction from the flow. The brook is choked in many places by stones, vegetable growth, etc.

To get the full value of what fall there is, we would advise as follows:—

Beginning at the Melrose-Malden line at approximately the present grade of the bed, deepen the brook on a straight slope upward, to the junction of Ell Pond and Spot Pond Brooks. This would require an average deepening of about one foot. From this junction deepen by about one foot the Ell Pond Brook up as far as the culvert near the Wyoming railroad station.

The Spot Pond Brook, from the junction to the Stoneham line, would require deepening only in a few places. Near the Stoneham line, for a length of several hundred feet, the bed is lower than further down stream. A plank bottom might be advisable here, which would increase the rapidity of the flow and prevent water from standing during dry times.

Widening the Brooks

By a taking made by the County Commissioners in 1875 the brook from near the junction of Spot Pond and Ell Pond brooks at the Wyoming railroad station, southerly towards Malden, may be widened without additional land takings to twenty-three feet, together with a foot path of one foot on each side. Ell Pond Brook, from the junction, northerly to Wyoming Avenue may be widened substantially to 14 feet. Spot Pond brook may be widened to 10 feet westerly from the junction.

Widening Spot Pond and Ell Pond Brook from Goodyear Avenue near the factory of the Boston Rubber Shoe Company, back to the junction of the two brooks, thence Spot Pond Brook to Trenton Street and widening the Ell Pond Brook from the junction with Spot Pond Brook, back to the culvert at Wyoming station, to the maximum width by taking, would provide for an additional volume of water, creating a reservoir at the same level as the brook. This would hold the water which could not pass off fast enough through the narrower brook and culverts to the south of Goodyear Avenue, and thus prevent the water from backing up and overflowing between Stoneham line and Wyoming railroad station.

We would not recommend widening the brook at this time south of Goodyear Avenue to the Malden line, on account of the expense in-

volved in changing widths of the culvert near the Boston Rubber Shoe Company, and under the B. & M. tracks.

Banks of the Brooks

In many places the turf on the banks overhangs and clogs the brooks. In the widening of the brooks the banks should be generally sloping and sufficiently firm to prevent disintegration.

Cleaning the Brooks

The brooks should be kept clean for all time, and these recommendations are made contingent upon the Board of Aldermen making a sufficient annual appropriation for the cleaning and maintenance of the brooks.

ESTIMATED COST OF DOING THE ABOVE WORK

Widening, deepening and straightening from junction of Spot Pond and Ell Pond Brooks to Goodyear Avenue.

Deepening and cleaning from Goodyear Avenue southerly to Malden line,

Widening, deepening, cleaning, straightening and planking portions of Spot Pond Brook from the junction with Ell Pond Brook westerly to the Stoneham line.

Widening and deepening Ell Pond Brook northerly from the junction to culvert at Wyoming railroad station, and cleaning to Ell Pond.

\$12,000

ESTATES BORDERING ON SPOT POND BROOK

Commencing at Stoneham Line to Junction with Ell Pond Brook

Owner	Location	Bldgs.	Land	Total	Area Feet
John O'Neil	271 Wyoming Avenue	\$1,700	\$700	\$2,400	12,700
271 Wyoming Ave.					
John Burns	263 Wyoming Ave.	1,800	2,450	4,250	46,169
263 Wyoming Ave.					
Marian N. Dary, et al	Lots No. 6 and 8		300	300	24,142
1359 Beacon St., Brookline	Garland St.				
Catherine E. Watson	Baxter St.	1,300	2,100	3,400	6 acres
Boston					
Abram Gottfried, Tr.	29 Keating Pl.	750	350	1,100	4,024
6 Faulkner Pl.					
Hannah Lynde	Wyoming Ave.	.....	1,500	1,500	1½ acres
106 Brooks St., Medford					
G. I. Steeves	219 Wyoming Ave.	6,300	1,300	7,600	21,900
219 Wyoming Ave					
Loretta Topping	18 Whittier St.	2,300	1,100	2,400	22,098
A. B. McIlwraith	Lot 51, Whittier St.	—	350	360	5,145
6 Allen pl.					
Annie L. Moore	Lot No. 15, Whittier St.	2,400	450	2,850	5,869
247 Porter St.					
Henry Lynde	Lot 53 Wyoming Ave.	—	300	300	5,007
244 Main St.					
Annie L. Gibbons	Lot B and 54 Wyom. Ave.	—	300	300	3,458
18 Baxter St.					

Owner	Location	Bldgs.	Land	Total	Area Feet
Ida Weinstein 160 Wyoming Ave.	160 Wyoming Ave.	1,000	600	3,600	3,510
A. E. and E. M. Jones Weston, Mass.	164 Wyoming Ave.	2,200	850	3,050	4,737
Lurena G. Martin 85 Adams St.	55 Adams St.	2,200	675	2,875	5,234
Wilmot B. Grant 51 Adams Street	51 Adams St.	2,300	700	3,000	5,845
Almira E. Carbee 6 Chester St.	6 Chester St.	1,500	375	1,875	3,786
		\$27,750	\$14,400	\$42,150	
Gertrude W. Saunders 10 Chester St.	10 Chester St.	\$1,300	\$450	\$1,750	4,527
Max Weinstein 160 Wyoming Ave.	Lots 7 and 8 Chester St.	—	400	400	4,786
Sarah Harris 23 Chester St.	23 Chester St.	2,200	550	2,750	4,555
A. M. Hollingsworth 13 Chester St.	13 Chester St.	1,500	350	1,850	3,665
Phillis Harris 23 Chester St.	Florence St.	—	50	50	333
George W. Perry 29 Adams St.	Florence St.	—	50	50	334
Harry Gittes 85 Baxter St.	62 Florence St.	2,200	700	2,900	6,329
East Weymouth Sav. Bank	61 Florence St.	1,800	700	2,500	2,052
Eleanor E. Bailey 49 Florence St.	49 Florence St.	3,150	800	3,950	7,265
Mary E. Stevens 70 Trenton St.	70 Trenton St.	3,000	3,200	6,200	25,948
Ella E. Presby 50 Trenton St.	50 Trenton St.	3,000	800	3,800	5,806
Daniel Russell heirs 4 Russell St.	Trenton St.	—	7,200	7,200	3 5-8 acres
Thomas J. Everett 35 Frances St.	Lot 8		275	275	5,096
Thomas J. Everett 35 Frances St.	Lot 7 Cottage St.		375	375	4,853
Wm. Scrannage heirs 190 Washington St.	Lot 17 Cottage St.		500	500	8,303
Chas. M. Cox	Pleasant St.		4,800	4,800	1 3-5 acres
John J. Keating 170 Bellevue Avenue	Pleasant St.	2,500	1,200	3,700	12,000
Henry Cavicchi Everett, Mass.	Lot 1, Pleasant St.		650	650	5,385
Abbie J. Forbes	9 Everett St.	2,500	700	3,200	5,741
Mina S. Horan 15 Everett St.	15 Everett St.	2,500	650	3,150	5,736
Edward J. Warren 17 Everett St.	17-19 Everett St.	4,000	650	4,650	5,731
Ida M. Hayes 21 Everett St.	21 Everett St.	3,000	650	3,650	5,710
Rebecca W. Wilcox 25 Everett St.	25 Everett St.	3,000	600	3,600	5,063
Melissa E. Downer 3 Adams St., Lexington	29 Everett St.	3,000	550	3,550	4,400

Owner	Location	Bldgs.	Land	Total	Area Feet
Frank B. Wright 33 Everett St.	33 Everett St.	3,000	575	3,575	4,603
William E. Phillips 37 Everett St.	37 Everett St.	3,000	600	3,600	4,941
Henry Lynde 244 Main St.	477-479 Pleasant St.	4,500	1,200	5,700	14,070
Lila C. Gerry 467 Pleasant St.	467 Pleasant St.	3,500	2,050	5,550	17,085
		\$29,500	\$7,525	\$37,025	

RECAPITULATION

	Buildings	Land	Total
Page 00.....	\$00,000.00	\$10,000.00	\$00,000.00
Page 00.....	00,000.00	00,000.00	00,000.00
		\$00,000.00	\$000,000.00

CITY HALL

The auditorium in City Hall, in its present condition, should no longer be used for the assembly of large audiences.

Melrose could hardly forgive herself if a fire catastrophe should occur, similar to those which have occurred in other places—where in some instances the fire menace was less than it is at the City Auditorium.

The added space, gained by utilizing the present hall, would permit a rearrangement of the building, furnishing a dignified and properly ventilated council chamber, with adjoining space capable of accommodating citizens who may wish to be present.

The suggested changes would also furnish the necessary room for our police headquarters, and permit other changes and readjustments consistent with the growing needs of the several city departments.

LINWOOD AVENUE

The extension of Linwood Avenue from Grove Street northerly to East Foster Street, would materially shorten the distance to and from the thickly settled territory lying east and south of the line of proposed extension.

This, together with the extension of Linwood Avenue at its southerly end, across Sylvan Street to the cemetery, would open a dignified avenue to Wyoming Cemetery.

Main Street with its multitude of teams, automobiles and electric cars is not an appropriate approach to our cemetery.

Extension of Linwood Avenue about 500 feet north; extension of Linwood Avenue about 400 feet south; re-surfacing portions of Linwood avenue; setting out trees on Linwood Avenue; gate for cemetery entrance.

Estimated cost.....\$13,000.00

HOUSING PROBLEM

There is pressing need for intelligent revision of our ordinances to correct existing housing conditions, and arrest the general tendency to become worse as the city increases in density of population.

Melrose has protection only against the worst form of three-decker construction. Our ordinances do not adequately protect these or any other buildings with relation to light, ventilation and sanitation. Moreover, Melrose is building mainly one and two-family houses which are not covered by existing regulations.

The centre of the city contains a number of courts characterized by needless congestion, bad sanitation, and other conditions prejudiced to the physical and moral well being of the community.

The study of our municipal records will convince any citizen that the city cannot afford to house any of its families in this manner. Lack of proper housing ordinances is responsible for an equally objectionable condition in the more thinly populated portions of the city.

There are numerous structures in various sections of Melrose in which there are living many families of many races. To permit children to grow up in such an environment is to invite a constantly increasing community burden in the years to come.

Melrose is in what may be termed the zone of future development of the Metropolitan District. Substantial increase in growth may be expected at no distant period. The welfare of the city demands that this growth should proceed along right lines and not be allowed to develop haphazard.

It is recommended that the city carefully consider the question of adopting a comprehensive housing law. Just now, there are two options—first, to adopt as an ordinance the new housing law recently issued by the Massachusetts Civic League; second, to adopt as an ordinance a law prepared on this or some similar basis.

A mere protection against fire hazard falls far short of the requisite regulation to insure wholesome living conditions for individuals and wholesome life for the community.

PLAYGROUNDS

In all large cities the problem of taking care of the children during their playtime, is one of ever increasing interest and concern.

We have many open spaces in our city, unoccupied by buildings now available at reasonable prices for playground purposes.

Unnecessary delay in this development, not only means increased cost in the end, but deprives our children of protection and playground for which there is a present demand and need.

We recommend that playgrounds large enough to make them worth while be purchased and equipped, at least one each year, until there shall be a sufficient number, to meet the needs of Melrose children.

TREES

As trees help to beautify our city, we recommend that the planting of trees along our highway be encouraged.

The Melrose Clubs and the Melrose Women's Clubs, together with the Melrose Teachers' Club and Horticultural Society in 1913-14 bought and paid for 620 trees, which was an important step in this direction.

We feel certain that there are many organizations and citizens in Melrose who would gladly subscribe to a fund for this purpose, and the trees thus acquired could be set out by our Public Works Department at moderate expense.

Report of the Public Library

To His Honor, Mayor Charles H. Adams, and the Honorable Board of Aldermen.

Gentlemen:—The Trustees of the Melrose Public Library submit the following report for the year 1915, being the fifteenth annual report to the city government, and the forty-fifth since the establishment of the library.

During 1915, 80,314 volumes were issued. From the best statistics available this places us ahead of any other library in the State in circulation, in proportion to population served. That Melrose, in this respect, should stand at the head of the list of cities and towns in the Commonwealth, is a very eloquent commentary upon the class and character of our citizenship.

2207 cards have been issued during the year, making the number of active borrowers upwards of 6,000. A new teacher's card on a form approved by the Trustees has been adopted.

Blanks are provided for the use of persons making requests for the purchase of books especially desired, and many borrowers take frequent advantage of this privilege. In case the book requested is approved for purchase by the Trustees, the person making the request is notified and given the first reading of the book.

Bulletin No. 3 has been issued, containing 850 titles, divided as follows: fiction 204; children's stories, 112; children's non-fiction, 69; description and travel, 55; useful arts, 54; history, 51; literature, 50; social and political science, 50; fine arts, 40; biography, 36; natural science, 29; philosophy and ethics, 29; French literature, 21; gardening, 17; religion, 15; education, 10; general works, 8.

The South East Branch has continued to prosper and to increase in its usefulness to the people of the section served. The steady increase in circulation of books eminently justifies the endeavor to maintain and improve this branch of the library.

The branch at the Highlands was opened in September in a room in the Whittier School, and has had a very remarkable growth, as appears from the report of the librarian in charge of the branch, appended hereto.

The Mary A. Livermore Art Room has been open to the public during stated hours and under certain restrictions.

In addition to the continued use of the Historical Room by several societies engaged in civic or educational work, the privileges of the room have been granted to the Melrose Community Associates for a weekly children's story-telling hour. The use of the room at the Highlands branch has been granted to the Melrose Highlands Women's Club for classes in sewing.

A new flag pole and flag have been provided for the library, as it was found that this was the only public building in the city not so supplied.

There have been no material changes in the personnel of the library staff, but a number of changes in method of conducting the library have been instituted which the Trustees believe will result in increased efficiency

and in making the library of greatest service to the greatest number of our people.

Thirteen meetings of the Board have been held, with usually full attendance of the members.

The Trustees beg to submit the following as the requirements of the library for the year 1916 in appropriations for its various purposes:

Salaries	\$2,995.00
Books and magazines	1,600.00
Binding	500.00
Fuel and light	550.00
Building and janitor supplies	300.00
Sundries	300.00
Ward 7 Branch	250.00
Highlands Branch	1,000.00
	\$7,495.00

STATISTICS—1915

Number of volumes in the library Jan. 1, 1915	18,091
Increase by purchase	684
Increase by binding periodicals	30
Transferred from duplicate pay collections	100
	18,905
Number of volumes worn out	231
Number of volumes in the library Jan. 1, 1916	18,674
Number of cards issued in 1915	1,705
Number of teachers' cards issued in 1915	10
Number of students' cards issued in 1915	492
Number of volumes rebound	1,087
Number of volumes replaced	240

CIRCULATION

Number of days the library was open	297
Average daily circulation	242
Largest daily circulation	445
Smallest daily circulation [stormy]	96
Largest monthly circulation	7,269
Smallest daily circulation	4,887
Number of volumes delivered for home use	71,979
Number of volumes delivered for South East Branch	4,481
Number of volumes delivered for home use at Highland Branch	3,854
Total number of books issued in 1915	80,314

DONATIONS—Books

Acts and resolves of Massachusetts	State
Annual Report of Commissioner of Education	State
Annual Report of the City of Melrose	City
Annual Report of Metropolitan Water	State
Boy Scouts of America	Friend
British and German ideals	Rev. Harold Marshall
Drink, Temperance and Legislation	A. Shadwell
History of New Salem Academy	New Salem
Japan to America	Japan Society of America

America to Japan.....	Japan Society of America
Manual of the General Court.....	H. C. Woodill
New York Stock Exchange in Crisis of 1914.....	H. G. S. Noble
Simeon North.....	R. H. North
Taman.....	C. C. Moore
Thoughts on the War.....	Rev. Harold Marshall
Woman Suffrage.....	Mass. Suffrage Association

PRESENTATIONS

Flax and spinning wheel.....	Mrs. F. C. Moulton
Cup and saucer.....	Mrs. F. C. Moulton
Flowering plants.....	Casey Florist Co.
Stalactites.....	Mrs. S. F. Keyes
Case of mounted birds (loaned).....	Mrs. J. A. Stutsman

PERIODICALS IN THE READING ROOM

American Boy	Literary Digest
American Forestry	Little Folks
Atlantic	Littell's Living Age
Bird Lore	McBride's
Building Age	McClure's
Campfire Girls	Munsey
Century	Musican
Christian Science Journal	Nation
Christian Science Sentinel	National Geographic Magazine
Country Life in America	New England Homestead
Delineator	North American Review
Dial	Outing
Everybody's Magazine	Outlook
Forum	Pictorial Review
Garden Magazine	Popular Science Monthly
Good Housekeeping	Popular Mechanics
Harper's Bazaar	Review of Reviews
Harper's Magazine	Saturday Evening Post
Harper's Weekly	Scientific Monthly
House Beautiful	Scientific American and Supplement
Illustrated London News	Scribner's Magazine
Illustrated World	Something to Do
International Studio	St. Nicholas
Kindergarten Review	Survey
Ladies' Home Journal	Wireless Age
Library Journal	World's Work
Life	Youth's Companion

PAPERS IN THE READING ROOM

Chicago Inter-Ocean	Commercial Tribune
Christian Science Monitor	Pilot
Free Press	Springfield Republican

Respectfully submitted,

PAUL STERLING, *Chairman (pro tem.)*
 ANGIER L. GOODWIN, *Secretary (pro tem.)*
 NEIL A. DIVVER
 JOHN O. PAISLEY
 MARY C. BARTON
 LAVISA A. ALLEN

Trustees

REPORT OF LIBRARIAN OF HIGHLAND BRANCH

The Highland Branch of the Melrose Public Library was opened Monday, September 13, 1915. Although the first day was regarded somewhat as a reception day, and the library was open only from 5 to 7 o'clock, 31 people were registered, and 75 books taken out.

There were about 300 books on the shelves at that time, most of them new books, bought for this branch of the library. Since then others have been added from time to time; some new but more from the shelves of the main library. Over 100 books of non-fiction were found in the basement of the main library building which, it was decided, would be useful at the Highlands Branch, where there was far more shelf-room than books.

Twice appeals for gifts of books were made to the Melrose Highlands Women's Club, which has always shown a keen interest in the success of the library. The women responded generously and about 85 books have been presented as well as several complete years of the "Atlantic Monthly", "Ladies' Home Journal", "London Graphic", and "Little Folks" magazines.

At the present time (Dec. 1) twelve magazines are subscribed to by this library and there are about 830 books on the shelves or in circulation. Two-thirds of these are adults, consisting of 300 volumes of fiction and 250 non-fiction.

Of the 210 juvenile books, one-third are non-fiction, and it is interesting to note that this ratio remains the same in the books which the children borrow to read, while less than one-tenth of the adult readers desire anything but stories. To a certain degree this may be accounted for the fact that fairy tales are not classed as fiction. (They come under the head of sociology). However the children are always eager for books on history, travel and animal life.

The library hours are from 3.30 to 5.30 p.m., Monday, Wednesday and Saturday, and on Saturday evening from 7 to 8 o'clock. To say that the Melrose Highland Branch has been well patronized is to make a very conservative statement in view of the fact that 552 books were given out in the 8 days it was open in September; 1098 were lent during the month of October (13 library days); and 1221 from November 1st to December 1st. That is an average for November of 73 books on the days the library was open two hours, and on Saturdays the number varied from 120 to 160.

At this branch 217 names have been registered. Almost without exception these are people who have never taken books from the Melrose Library, or had given up borrowing them, because they felt the distance to the library on West Emerson Street made it too inconvenient to warrant their accepting the privileges of the Public Library.

GERTRUDE B. LOWE,

Librarian

Dec. 1, 1915

Highlands Branch Melrose Public Library

Since this report was written (Dec. 1) sixty-three new books have been added to the children's shelves, bought with money given by the Melrose Highlands Women's Club for this purpose. Thirty-four of these are fiction and twenty-nine non-fiction. That makes the present number of books in this branch about 900.

Three new magazines (two of them juvenile) have also been received since December 1st and a gift of sixteen boys' books, from one of the boys who is a constant reader here.

GERTRUDE B. LOWE,

Dec. 11, 1915

Melrose Highlands Branch Melrose Public Library

REPORT OF TREASURER OF SPECIAL FUNDS MELROSE PUBLIC LIBRARY FOR YEAR ENDING DECEMBER 31, 1915

William Emerson Barrett Fund

Jan. 1, 1915—by balance.....		\$124.59
Dec. 31, 1915—interest.....		5.02
Balance.....	\$129.61	
	\$129.61	\$129.61
Jan. 1, 1916—by balance.....		\$129.61

Horatio Nelson Perkins Fund

Jan. 1, 1915—by balance.....\$		\$577.81
Dec. 31, 1915—by interest.....		23.32
Balance.....	601.13	
	\$601.13	\$601.13
Jan. 1, 1916—by balance.....		\$601.13

William Bailey Fund

Jan. 1, 1915—by balance.....		\$2,716.16
Dec. 31, 1915—by interest.....		109.70
Jan. 28, 1915—to books purchased.....	\$18.08	
Balance.....	2,807.81	
	\$2,825.89	\$2,825.89
January 1, 1916 by balance		2807 81

Duplicate Library Fund

Jan. 1, 1915—by balance.....		\$60.15
Dec. 31, 1915—by books loaned.....		136.10
Dec. 31, 1915—by interest.....		2.60
Dec. 31, 1915—to books purchased.....	\$105.73	
Balance.....	93.12	
	\$198.85	\$198.85
Jan. 1, 1916—by balance.....		\$93.12

Catalogue Fund

Jan. 1, 1915—by balance.....		\$148.66
Dec. 31, 1915—by cash from fines.....		231.86
By interest.....		5.45
To 6,000 bulletins.....	\$97.50	
To Misc. expenses.....	108.23	
To Ward 7 Branch.....	42.32	
To Highlands Branch.....	.50	
Balance.....	137.42	
	\$385.97	\$385.97
Jan. 1, 1916—by balance.....		\$137.42

NEIL A. DIVVER, *Treasurer*

Examined and found correct April 10, 1916.

EDWIN C. GOULD, *City Auditor*

Brown Tail and Gypsy Moth

Hon. Charles H. Adams, Mayor, City of Melrose:—

*Dear Sir:—*In accordance with the annual custom, I hereby submit to you the report of the work of the Moth Department for the year 1915.

Because of insufficient appropriations, the city was only covered for about two-thirds of its territory in destroying the Brown-tail and Gypsy moth, and in fighting the imported elm leaf beetle.

We were only able to spray the elm trees throughout the city, but once, instead of twice, which is really the only effective method of preventing defoliation of these beautiful shade trees, the elms.

Some considerable work was done against the forest tent caterpillar in the vacant lots throughout the city, especially around about the property known as "Boston Rock". Some cleaning out of brush on vacant lots has been done after complaint to and by order of your Honor.

Investigation of the extent of the ravages of the Leopard moth was made by me, personally, and, I find that almost without exception the maples and elms are infested, many badly so. I also personally inserted wire into the cavities made by the Leopard moth in young trees and found many live caterpillars of the "Leopard" and succeeded in destroying a large number by the above method.

I hereby submit the financial statement of the Moth Department for the year 1915.

BROWN TAIL AND GYPSY MOTHS

Appropriations.....	\$200.00	
	800.00	\$1,000.00

Expenditures

Pay rolls.....	\$767.98	
Tools and supplies.....	39.75	
Paid for use of teams.....	33.00	
" repairs on sprayer.....	71.33	
" insurance.....	\$87.73	999.79
		\$.21
Balance.....		\$.21

PRIVATE WORK

Appropriation.....	\$1,500.00
--------------------	------------

Expenditures

Pay rolls.....	\$744.13	
Paid for clerical work on bills.....	17.00	
" postage.....	5.00	
" rent.....	30.00	796.13
Balance.....		<u>\$703.87</u>

OTHER INSECT PESTS

Appropriation.....	\$750.00
--------------------	----------

Expenditures

Pay rolls.....	\$501.00	
Paid for tools and supplies.....	85.96	
" repairs on machine.....	113.10	
" rent.....	30.00	
" insurance.....	13.50	
Miscellaneous.....	2.00	745.56
Balance.....		<u>\$4.44</u>

Respectfully yours,

JOHN J. McCULLOUGH,

Local Superintendent

Report of Soldiers' Relief Department

*To His Honor, Charles H. Adams and the Board of Aldermen,
Melrose, Mass.*

Gentlemen:—I herewith most respectfully submit my report as State Aid and Soldiers' Relief Agent for the year ending December 31, 1915

State Aid paid for the year.....	\$3,064.00
Soldiers' Relief:	
Cash paid by City Treasurer.....	\$2,532.50
Fuel.....	444.13
Rent.....	192.00
Groceries.....	214.00
Medicine.....	4.74
Medical attendance.....	8.50
Dry goods and shoes.....	12.00
Typewriting, postage and carefares.....	49.97
	\$3,457.84

This report does not include some bills of 1914 which had to be paid in 1915 because the 1914 appropriations was not sufficient for the growing needs.

I have on my list at the present time twenty-one widows and nine veterans who would find it very hard to get along without our help.

Every year some names are missing and those who are left are more feeble and need more care. I most earnestly ask, therefore, that you will appropriate at least \$3,500 for 1916 for this Soldiers' Relief Fund.

Respectfully submitted,

MARY A. KENAH,
State Aid and Soldiers' Relief Agent

His Honor. Mayor Charles H. Adams, Melrose, Mass.:—

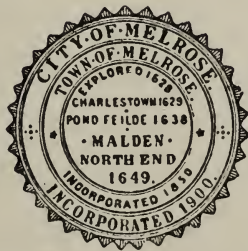
Dear Sir:—I herewith most respectfully submit my report as Burial Agent for the City of Melrose for the year ending December 31, 1915.

Burials, 4.....\$200.00

Respectfully submitted,

MARY A. KENAH,
Burial Agent

Sixteenth Annual Report
OF THE
Public Works Department



GEO. O. W. SERVIS,
Engineer and Superintendent

CITY OF MELROSE
1915

ORGANIZATION

1915

HON. CHARLES H. ADAMS,

Mayor

George O. W. Servis

Engineer and Superintendent

Emma L. Leighton, *Stenographer*

William H. Martin

Blanche E. Nickerson, *Asst. Stenographer*

Bookkeeper

Patriek De Courcy, *Time keeper*

A. J. Waghorne

Assistant in Charge of Sewers and Drains

James McTiernan

Assistant in Charge of Water Division

Walter J. Lord

Assistant in Charge of Highways

Engineering Division

Charles F. Woodward, *Assistant*

John Dyer, *Transitman*

Elmer O. Pray, *Transitman*

A. Kenneth Prior, *Rodman*

Willard Thompson, *Rodman*

Public Work's Department

To His Honor the Mayor and the Board of Aldermen:—

Gentlemen:—In accordance with the City Ordinances I have the honor to Submit herewith the sixteenth Annual Report of the Public Works Department of the City of Melrose for the fiscal year ending December 31, 1915.

This Department has the general care of all public highways (streets, sidewalks, trees), construction of new streets and sidewalks, street lighting, street sprinkling, street cleaning, collection of ashes, street signs and house numbering, and all work connected with the sewer, surface drainage and water systems, all engineering work relating to the above and Wyoming Cemetery, care of City Hall and Memorial Building, and the placing of insurance on City property.

PUBLIC WORKS OFFICE

Contracts have been made for tar concrete and granolithic sidewalks, edgestones, sodding, sewer pipe, water pipe, etc. Minimum rate and excess water bills and summonses have been made and delivered. Sewer connections, water services and individual sidewalks have been estimated and billed. Estimates have been made for the Board of Aldermen and Committees as requested. Sidewalk assessments, sewer assessments and apportionments, betterment assessment and street watering assessments have been made.

All engagements of the Auditorium City Hall and Memorial Building have been booked and bills rendered, and insurance placed on all City property. 312 permits have been given to open and occupy public streets.

Salaries and Wages

Appropriation.....	\$2,850.00	
From water maintenance.....	464.25	\$3,314.25

Expended:

Salary, Eng. and Supt. Public Works.....	\$2,000.00	
Clerical Services, general office.....	843.58	
“ “ Water maintenance.....	464.25	\$3,307.83

Treasury balance.....	\$6.42
-----------------------	--------

Superintendent of Divisions, Bookkeeper and Timekeeper charged to various classes of work.

Other Expenses

Appropriation.....		\$650.00
Expended:		
Use of automobile.....	\$298.04	
City maps.....	57.42	
Report.....	21.42	
Stamps and stationery.....	204.66	
Sundries.....	44.98	
Telephone service.....	26.13	\$652.65
Deficit.....		\$2.65

WATER DIVISION**Distribution Mains—Extension**

4962 feet of new mains have been laid during the year, including hydrant branches, making a total length in the city of approximately fifty-four and seventy-nine one hundredths (54.79) miles.

1997 feet of cement pipe have been replaced with cast iron pipe, and 12 feet of iron pipe have been replaced by larger pipe.

99 new services have been laid during the year and 8 abandoned, making a total in use of 4,005.

10 additional fire hydrants have been placed, the total now in service being 364 maintained by this department.

33 water gates have been added to the system, making a total of 623.

Water Meters

One hundred and five (105) meters have been installed during the year and twenty-five (25) abandoned, making a total of four thousand two hundred and eleven (4,211) in use December 31, 1915.

Maintenance and Operation

The entire system of mains, services, hydrants, water meters, etc., has had careful attention, and the necessary repairs and changes have been made. Following are some of the items:—

- 5 breaks in cement pipe repaired.
- 15 joints in iron pipe repaired.
- 47 service leaks in street repaired.
- 14 services in street cleaned.
- 9 services in private premises cleaned.
- 82 services in street renewed with lead.
- 66 services in private premises renewed with lead.
- 12 gates repacked.

Hydrants have been oiled, repaired, painted and kept free from snow and ice. The table of Relay gives length, size, etc., of cast iron pipe used to replace defective or small cement pipe.

There still remain about eleven and sixty-three one hundredths (11.63) miles of cement pipe that should be replaced by cast iron as soon as possible.

The twelve (12) inch East Side Belt Line was extended from East Foster Street to Grove Street on Larrabee Street, and this work should be carried along to connect at Main Street as rapidly as possible.

TOTAL PIPEAGE OF THE CITY

Number of feet $\frac{3}{4}$ inch pipe	1,363
“ 1 “	1,850
“ $1\frac{1}{2}$ “	375
“ 2 “	5,948
“ 4 “	56,922
“ 6 “	146,369
“ 8 “	25,720
“ 10 “	19,846
“ 12 “	22,801
“ 14 “	2,920
“ 16 “	5,223

Total..... 289,337

Length of cast iron pipe, 227,918 feet or 43.16 miles.

“ cement pipe, 61,419 “ “ 11.63 “

Total..... 54.79 “

Number of services in use.....	4,005
“ meters.....	4,211
“ fire hydrants.....	364
“ gates on mains.....	623
“ standpipes for street sprinkling.....	35
“ watering troughs.....	4
“ ornamental fountains.....	2
“ drinking fountains.....	1
“ fire services.....	19

WATER DIVISION

Construction

Appropriation.....	\$10,000.00	
Balance Jan. 1, 1915.....	3,491.73	
Stock Balance Jan. 1, 1915.....	468.13	\$13,959.86

CITY OF MELROSE

Expended			
Services—Stock.....	\$863.63		
Labor.....	795.77	\$1,659.40	
Meters—Stock, Installed.....	\$31.12		
Meters.....	958.30		
Labor.....	108.08	\$1,097.50	
Main Lines—Stock.....	\$3,144.06		
Labor.....	3,732.59	\$6,876.65	
Improvement to Plant:			
First Street Relay.....	\$365.81		
Pleasant Street Relay.....	488.81		
Larrabee Street Relay.....	778.24		
E. Foster Street Relay.....	21.87		
Francis Street Relay.....	183.79		
Cottage Street Hydrant.....	34.54	\$1,873.06	
Teams.....		782.51	
Tools and repairs.....		234.77	
Recording Deeds.....		3.65	\$12,527.54
Treasury balance.....	\$1,175.38		\$1,432.32
Less Due Maintenance.....	27.45	\$1,147.93	
Meters on hand.....		284.39	\$1,432.32

INSIDE SERVICES AND CHARGES

Expended			
For stock.....	\$1,630.46		
For labor.....	1,215.07		
Stock 1914 account.....	117.95		
	\$2,963.48		
Less due maintenance.....	41.40	\$2,922.08	

WATER MAINTENANCE

Appropriation.....	\$15,000.00		
Collections, stock.....	48.87		
Stock balance Jan. 1, 1915.....	4,094.62	\$19,143.49	

Expended			
Outside Services, Stock.....	\$482.00		
Labor.....	1,147.94	\$1,629.94	
Relay Mains, Labor.....		2,204.48	
Repair Mains—Stock.....	\$51.46		
Labor.....	276.39	327.85	
Repair Hydrants, labor.....		127.75	
Meter Maintenance, Labor.....	\$430.89		
Stock.....	18.84		
Meter Parts.....	238.03		
Readings.....	1,887.34	2,595.10	

General Maintenance:

Salaries.....	\$3,145.41		
Less collections for on and off water.....	61.00	\$3,084.41	
Stable account.....	\$782.51		
Less inside services.....	60.53	721.98	
Tools and blacksmiths.....	\$555.34		
Insurance.....	334.05		
	\$889.39		
Less charged to inside charges.....	229.75	659.64	
Stamps and stationery.....		256.28	
Telephone services.....	86.50	4,808.81	\$11,673.93
Balance.....			\$7,469.56
Treasury Balance.....	\$3,312.62		
Due from other accounts.....	62.33	\$3,374.95	
Stock Balance.....		4,094.61	\$7,469.56

Stock Account

Balance on hand January 1, 1915.....			\$4,094.61
Stock Purchased:			
Wrought iron pipe and fittings.....	\$44.24		
Cast iron pipe and fittings.....	3,561.61		
Brass pipe and fittings.....	56.10		
Lead, lead pipe and solder.....	1,870.25		
Castings.....	513.23		
Meter parts.....	238.03		
Hydrants, valves and stops.....	1,295.45		
Coal and wood.....	100.60		
From expense account, charged out.....	290.28		
Rent of yard.....	175.00		
Labor as per pay rolls.....	339.80		
Powder and sewer pipe.....	13.77	\$8,498.36	\$12,592.98

Stock Used:

Outside services, maintenance.....	\$482.00		
Main line, maintenance.....	51.46		
Meter, maintenance.....	256.87	\$790.33	
Construction, services.....	\$863.63		
Install meters.....	31.12		
Construction main lines.....	3,144.06		
Improvement to plant.....	1,873.06		
Inside services.....	1,748.41		
Other divisions.....	47.76	\$7,708.04	\$8,498.37
Balance on hand.....			\$4,094.61

WATER CONSTRUCTION—1915

LOCATION	Pipe laid		Gates		Hydrants	
	Length Feet	Size Inches	No.	Size Inches	No.	Size Inches
Berwick St., nr. Grove St., for hydt...	20	6			1	6
Corey St., at hydrant.....	4	6	1	6		
Corey St., Wyoming Ave., north.....	176	6	2	6		
Cottage St., hydt., cor. Hurd St.....	10	6	1	6		
Dyer Ave., Warwick Rd. to Sears Ave.	410	6	2	6		
Edgemere St., end of pipe, east.....	104	6				
First St., near Larrabee St.....	5	6	1	6	1	6
Forest St., Park St., south.....	334	6	2	6	1	6
Foster St., east at Larrabee St.....			1	6		
Francis St., near Bartlett St.....			1	6		
Franklin St., Hydt., cor. Ashland St.			1	6		
Franklin St., hydt., cor. Greenleaf Pl.			1	6		
Gooch St., First St., to E. Foster St...	289	6	1	6		
Grove St., near Walnut St., for hydt.	8	6	1	6	1	6
Holland Rd., end of pipe to Boulevard	60	6	1	6		
Larrabee St., near E. Foster St.....			1	12		
Lynn Fells Pkwy. to Holland Rd., to Warwick Rd.....	320	6				
Lynn Fells Pkwy., Warwick Rd. to Charles St.....	852	4	2	4		
Merrill St., Porter St., south.....	598	6	2	6	1	6
Newburyport Turnpike, Malden line, north.....	6	4				
	579	6	2	6	2	4
Otis St., at hydrant.....			1	4		
Pleasant St., near Francis St.....			1	8		
Sears Ave., Warwick Rd., to Orris St.	867	6	5	6	2	6
Sherman Rd., Warwick Rd., east.....	226	6	1	6		
Warwick Rd., Lynn Fells Pkwy, north	94	6	2	6	1	6
Totals.....	4962		33		10	

Number of New Services.....99

Number of New Meters set.....105

WATER RELAY—1915

LOCATION	Pipe laid		Pipe Abandoned	
	Length Feet	Size Inches	Length Feet	Size Inches
Ashmont St., at Pleasant St.....	24	6	24	6
Bartlett St., at Francis St.....	12	6	12	6
Cottage St., at Hurd St.....	6	6	6	4
Edgemere St.....	6	4	6	4
First St., Larrabee St., to Sixth St.....	370	6	370	6
Foster St., at Larrabee St.....	29	6	29	6
Francis St., at Pleasant St.....	38	6	38	6
Francis St., Bartlett St. to Crescent Ave.....	306	6	306	6
Larrabee St., E. Foster St., to Grove St.....	645	12	645	4
Larrabee St., E. Foster St. to Grove St.....	7	8	7	4
Pleasant St., Francis St., to Gould St.....	566	8	566	6
Totals.....	2009		2009	

WATER ASSESSMENTS AND CONSUMPTION

The annual assessments paid by this city as its proportional part of the cost and operation of the Metropolitan Water Works, are given below:—

Year	Sinking Fund	Interest	Maintenance	Maturing Serial Bonds	Total
1898.....	No Division				\$3,332.94
1899.....	No Division				4,921.63
1900.....	No Division				6,740.49
1901.....	\$2,758.43	\$7,130.58	\$2,657.31		12,546.32
1902.....	4,398.83	7,038.98	2,997.12		14,434.93
1903.....	3,630.11	11,243.27	2,941.96		17,815.34
1904.....	3,730.13	12,492.25	3,500.35		19,722.73
1905.....	4,829.71	12,558.36	3,090.46		20,478.53
1906.....	5,802.58	14,905.91	4,521.60		25,230.09
1907.....	6,433.77	15,748.61	4,788.81		26,971.19
1908.....	6,564.43	18,112.32	4,018.30		28,693.90
1909.....	5,405.19	14,495.42	4,622.77		24,523.38
1910.....	4,464.87	11,925.83	3,250.21		19,640.91
1911.....	4,683.16	12,866.12	3,605.47	\$45.83	21,200.58
1912.....	4,699.42	13,098.79	3,094.25	85.55	20,978.01
1913.....	4,862.03	13,691.71	4,035.19	95.93	22,684.86
1914.....	2,921.81	15,058.68	4,630.24	37.19	22,647.92
1915.....	2,470.45	12,925.69	3,728.19	196.99	19,321.32

The daily per capita consumption of water in Melrose, as recorded by the Venturi meter, operated by the Metropolitan Water Works, is shown below by months for the years 1907 to 1915 inclusive.

	1907	1908	1909	1910	1911	1912	1913	1914	1915
January.....	113	105	61	57	59	65	64	55	57
February.....	125	102	61	59	60	83	67	57	52
March.....	117	93	58	59	59	77	67	53	51
April.....	110	94	60	61	60	71	71	49	49
May.....	111	99	64	65	68	74	75	57	51
June.....	121	111	71	66	65	84	80	65	57
July.....	122	106	71	65	71	79	82	56	68
August.....	131	84	66	71	61	64	75	53	52
September.....	117	85	63	65	65	62	72	56	46
October.....	116	72	61	66	66	57	58	54	50
November.....	113	64	60	61	62	60	56	52	46
December.....	116	61	55	61	62	57	54	54	42

In 1908 general metering of the city was commenced and in 1909 practically all services were metered. Tables show saving made by metering.

Water Rates

Received by Treasurer:

1911 rates.....	\$1.21	
1912 rates.....	9.00	
1913 rates.....	194.22	
1914 rates.....	7,200.80	
1915 rates.....	40,911.43	
Summons.....	125.20	\$48,441.86

1915 rates as billed..... \$48,190.77

Cost of System

Construction to January 1, 1915.....	\$452,502.08
Construction 1915.....	12,527.54
Total cost to January 1, 1916.....	\$465,029.62

HIGHWAY DIVISION

Main Street is now improved from the Malden line to Wyoming Avenue with bituminous macadam (tarvia) and from Wyoming Avenue to Porter Street with Hassam compressed concrete, and the balance of this street should be improved (Porter Street to the Wakefield line).

Malden has improved the Main Street from the City of Everett line through Malden to our southern boundary, and Wakefield from our northern boundary to and through Wakefield Square, leaving Melrose with the only unimproved part of this main artery of travel.

Corey Street from Grove Street to Wyoming Avenue West, East Foster Street from Main Street to Ell Pond Brook, Grove Street from Lebanon Street to Swain's Pond Avenue, and Richardson Road from Henry Avenue to Ashland Street, have been constructed with bituminous macadam.

First Street from Eleventh Street to Waverly Avenue has been graded and constructed with gravel, and many of the macadamized streets have been improved by using Tarvia B. as a dust layer and preservative, as follows:—East Emerson Street from Bellevue Avenue to Stratford Road, West Emerson Street from Charles Street to the Stoneham line, East Foster Street from Dell Avenue to Larrabee Street, Laurel Street from Lebanon Street to Larrabee Street, Lebanon Street from Emerson Street to Appleton Street, Malvern Street, Stratford Road, Upham Street from Lebanon Street to East Street, and W. Wyoming Avenue from Florence Street to Ravine Road.

Berwick Street from Wyoming Avenue to Grove Street, Chester Street from Adams Street to Florence Street, East Emerson Street, Bellevue Avenue easterly, Essex Street, Green Street, Hurd Street, Main Street, Perkins Street and Porter Street from Main Street to Merrill Street were repaired with Tarvia, and repairs made to various other streets as shown by table.

Chestnut Park, Dell Avenue from East Foster Street to Grove Street, Newburyport Turnpike, Prospect Street and Swain's Pond Avenue from the Malden line to the angle beyond the schoolhouse, were regraded, graveled and rolled.

Paved Gutters and Crossings

Paved gutters were laid on Ashland Street from Henry Avenue northerly, Morgan Street from Main Street to top of hill west of Nowell Road, Nowell Road east side from Morgan Street southerly, Pine Street, Richardson Road from Henry Avenue to near Renwick Road, and a granite crossing laid on Greenwood Street near Woodland Avenue.

Tree Planting

The trees planted in 1913-14 have grown remarkably well, with a loss of only a few. Malvern Street is a good example, showing the advantage of setting the whole length of a street at one time, giving uniformity in size and spacing of trees, rather than setting trees at individual estates, from year to year.

Five new trees were set out on application and four to replace destroyed or dead young trees.

City Stables.

I wish to again urge that some action be taken looking toward the purchase of a site for City Yards and Stable and other necessary buildings, as with the growth of the City a location suitable for City Yards and buildings will be more difficult to find.

Sidewalks

There have been 12,458 linear feet of new edgestone set and 944 linear feet of edgestone reset in connection with which it was necessary to repave 313 square yards of gutters.

There have been 5,347.6 square yards of granolithic and 770 square yards of new tar concrete sidewalks constructed. Under repairs to present walks 4,004 square yards of three-coat work, 930 square yards of two-coat work and 4,134 square yards top dressing of tar concrete sidewalks were removed. 446 square yards of brick sidewalk and 55 square yards of granolithic walk were relaid.

Surface Drainage Brooks

Owing to the unprecedented frequent and heavy rains during the unusually dry months of the season July and August, the land along the brooks became saturated and flooding occurred in many parts of the city, especially along Spot Pond Brook and Ell Pond Brook.

Ell Pond Brook was thoroughly cleaned from Berwick Street to Main Street early in the year, including under culverts Corey Street, Grove Street and Main Street, and considerable cleaning was done on all the brooks during the year.

A special sewer was constructed on northerly side of Wyoming Avenue, Cleveland Street westerly, and the buildings connected, and the old connections removed from the brook.

The culvert under Wyoming Avenue west of Cleveland Street, has been cleaned, and the top of the covered section south of Wyoming Avenue, being old railroad sleepers and badly decayed, was removed and the walls, etc., will need repairing the coming season.

In the fall work was commenced widening and cleaning the main brook from the Malden line to the junction of the main brook and Spot Pond Brook, tending to permanently remove the liability of flooding along Ell Pond and Spot Pond Brooks.

GENERAL ADMINISTRATION

Appropriation.....		\$2,000.00
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Expended

Bookkeeper, part salary.....	\$264.65	
Assistant Superintendent.....	1,200.00	
Timekeeper, part salary.....	535.35	\$2,000.00

Repairing

Appropriation	\$15,000.00	
" Snow.....	1,000.00	
Street railway taxes.....	4,606.06	\$20,606.06

Expended

Minor repairs.....	\$2,703.09	
Snow account.....	1,996.10	
Blacksmithing.....	860.39	
Paving repairs.....	51.82	
Ledge work.....	388.00	
Guard rail.....	99.57	
Tool and expense account.....	692.15	
Street cleaning.....	25.94	
Leveling dumps.....	28.00	
Danages paid.....	547.31	
Spear Street.....	362.58	
Gravel walks [See Table].....	535.43	
Bridges and culverts.....	257.38	
Corey Street.....	261.67	
Waverly Avenue.....	159.07	
Street repairs [See Table]	11,514.15	\$20,482.65
Balance.....		\$123.41

STREET REPAIRING BY LOCATION

Ashland Street.....	\$17.51	Malvern Street.....	\$20.26
Berwick Street.....	79.00	Morgan Street.....	18.37
Brown Street.....	6.87	Myrtle Street.....	28.00
Chester Street.....	24.35	Pine Street.....	496.79
Chestnut Park.....	139.35	Pleasant Street.....	406.42
Cliff Street.....	19.43	Potter Street.....	23.25
Clifton Park.....	8.25	Porter Street.....	1,332.06
Crystal Street.....	371.65	Prospect Street.....	545.12
Crescent Avenue.....	41.62	Perkins Street.....	428.45
Dell Avenue.....	264.84	Newburyport Turnpike....	534.67
Emerson Street, East.....	300.55	Otis Street.....	17.50
Emerson Street, West.....	150.20	Ravine Road.....	46.50
Essex Street.....	1,779.78	Sewalls Woods Road.....	17.20
Faxon Street.....	5.00	Sargent Street.....	66.04
First Street.....	26.59	Spear Street.....	50.70
Foster Street, East.....	59.00	Stratford Road.....	70.09
Franklin Street.....	370.85	Summer Street.....	32.70
Grove Street.....	339.97	Swain's Pond Avenue.....	407.53
Green Street.....	310.04	Tremont Street.....	223.17
Howard Street.....	64.75	Trenton Street.....	26.91
Hurd Street.....	184.84	Upham Street.....	313.35
Linwood Avenue.....	27.60	Vinton Street.....	99.88
Lebanon Street.....	398.81	Washington Street.....	37.26
Lynde Street.....	10.50	Winthrop Street.....	14.00
Main Street.....	961.92	Woodland Avenue.....	19.25
Meridian Street.....	4.38	Wyoming Avenue.....	271.03
			\$11,514.15

GRAVEL SIDEWALKS

Argyle Street.....	\$10.12	Minor repairs.....	\$14.75
Cleveland Street.....	10.13	Orris Street.....	14.37
Crystal Street.....	7.75	Pearl Street.....	17.63
Dell Avenue.....	25.00	Prospect Street.....	14.00
First Street.....	2.94	Spear Street.....	42.25
Highland Avenue.....	25.22	Summer Street.....	4.50
Linwood Avenue.....	201.40	Swain's Pond Avenue.....	88.55
Melrose Street.....	46.32	Tremont Street.....	10.50
			\$535.43

GROVE STREET

Lebanon Street to Larrabee Street

Appropriation.....	\$2,800.00	
Stock to crosswalks and paving.....	97.58	\$2,897.58

Expended

Labor and teams.....	1,227.53	
Stock used.....	1,547.30	
Insurance and tools.....	122.75	\$2,897.58

CITY OF MELROSE

GROVE STREET

Larrabee Street to Swain's Pond Avenue

Appropriation.....	\$1,650.00	
Stock to crosswalks and paving.....	109.38	\$1,759.38

Expended

Labor and teams	\$800.93	
Stock used.....	878.36	
Insurance and tools.....	80.09	\$1,759.38

FIRST STREET

Appropriation.....	\$2,200.00	
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Expended

Labor and teams.....	\$1,732.43	
Stock used.....	87.08	
Insurance and tools.....	173.24	\$1,992.75
Balance.....		\$207.25

RICHARDSON ROAD

Appropriation.....	\$2,500.00	
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Expended

Labor and teams.....	\$1,138.23	
Stock used.....	1,351.51	
Insurance and tools.....	10.26	\$2,500.00

WAVERLY AVENUE

Appropriation.....	\$500.00	
By Highway repairing.....	159.07	\$659.07

Expended

Labor and teams.....	\$619.07	
Coal and powder.....	40.00	\$659.07

COREY STREET CONSTRUCTION

Culvert and Street Work

Appropriation.....	\$2,800.00	
Highway repairing account.....	261.57	\$3,061.57

PUBLIC WORKS DEPARTMENT

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Expended (culvert)

Labor and teams.....	\$840.75		
Crushed stone and sand.....	110.10		
Cement and pipe.....	135.24		
Iron beams and other metal work.....	257.99		
Use of derrick.....	44.50		
Lumber.....	70.99	\$1,459.57	

STREET WORK

Labor and teams.....	\$698.12		
Crushed stone and gravel.....	405.13		
Tarvia.....	357.27		
Rolling.....	131.25		
Lumber.....	6.50		
Brick and cement.....	2.38		
Recording papers.....	1.35	\$1,602.00	\$3,061.57

DYER AVENUE EXTENSION

Balance Jan. 1, 1915.....	\$48.95		
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Expended

Recording Deed.....	.65		
Balance.....			\$48.30

EAST FOSTER STREET

Construction

Appropriation.....	\$500.00		
Stock to crosswalks and paving.....	36.88	\$536.88	

Expended

Labor and teams.....	\$249.85		
Crushed stone and gravel.....	163.00		
Rolling.....	20.00		
Tarvia.....	96.41		
Insurance and tools.....	7.62	\$536.88	

SPEAR STREET

Construction

Appropriation.....	\$5,000.00		
From highway repairing.....	854.85	\$5,854.85	
Total expended 1913-1914-1915 as reported.....		\$5,852.82	
Balance.....			\$2.03

CITY OF MELROSE

CHURCH, MOUNTAIN AVENUE AND HANCOCK STREETS

Appropriation.....	\$5,500.00	
From highway repairing, net amount.....	320.29	\$5,820.29

Expended

Total for 1914-1915 as reported.....	\$5,783.15	
Balance.....		\$37.14

W. Foster St. Treasury balance \$0.98 transferred to Highway Repairing.
Pine St. " " 5.93 " " " "

STEAM ROLLER ACCOUNT

156 2-8 days to streets at \$5.00 per day.....	\$781.88
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Expended

Coal, wood and oil.....	\$292.37	
Supplies.....	53.62	
Labor and teams.....	141.47	\$487.46
Balance to Highway Repairing.....		\$294.42

CRUSHER ACCOUNT

Stock charged where used.....	\$3,882.88	
Coal and oil to other accounts.....	373.87	\$4,256.75

Expended

Coal and supplies.....	\$889.65	
Castings and repairs.....	585.75	
Labor and teams.....	2,763.81	
Stone purchased.....	17.54	\$4,256.75

STABLE ACCOUNT

Teams charged to streets and other work.....	\$8,593.39
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Expended

Hay and grain.....	\$3,363.11	
Carts and repairs.....	979.86	
Harness and repairs.....	389.83	
Shoeing, medical attendance, etc.....	753.59	
Rent, light, heat and repairs.....	646.37	
Labor.....	2,460.63	\$8,593.39

CROSSWALKS AND PAVING

Balance Jan. 1, 1915.....	\$366.62	
Appropriation.....	2,000.00	\$2,366.62

Expended

Labor.....	\$919.98	
Stock and teams.....	1,231.45	
Tools and insurance.....	92.06	\$2,243.49
Balance.....		\$123.13

STREET SPRINKLING

Watering

Labor and teams.....	\$1,243.75	
Repairing carts.....	470.15	
Rent of shed.....	60.00	
Printing and labor on schedules.....	24.00	
Repairing stand pipes.....	94.64	\$1,888.54

Oiling

Alden Speare's Sons Co., oil applied.....	\$5,586.06	
Barrett Mfg. Co., tarvia.....	968.75	
Labor and teams, applying sand.....	218.97	
Labor and teams, cleaning for oil.....	1,370.62	\$8,144.40
Amount of assessment.....	\$10,667.00	\$10,032.94

STREET LIGHTING

Appropriation.....	\$18,700.00	
Order 9406.....	67.26	
Receipts Park Department.....	63.50	\$18,830.76

Expended

Malden Electric Co., contract.....	\$18,830.76
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STREET CLEANING

Appropriation.....	\$5,000.00
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Expended

Labor and teams.....	\$3,054.77	
Labor, push carts.....	1,847.36	
Labor, leveling dumps.....	25.29	
Tools and repairs.....	72.58	\$5,000.00

COLLECTION OF ASHES AND RUBBISH

Appropriation.....	\$4,500.00	
Order No. 9430.....	150.00	\$4,650.00

Expended

Labor and teams.....	\$4,079.40	
Labor, leveling dumps.....	541.60	
Labor, delivering ash notices.....	18.00	
Ash cards.....	11.00	\$4,650.00

INSURANCE

Appropriation.....	\$1,000.00
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Expended

Premiums on policies.....	656.18
Balance.....	\$343.82

ICE FOR DRINKING FOUNTAINS

City Hall and Main Street at City Hall

Appropriation.....	\$50.00
Expended, Fells Ice Co., contract.....	50.00

STREET GUIDE BOARDS AND NUMBERS

Appropriation.....	\$250.00
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Expended

Labor and teams.....	\$72.50	
Signs, irons and hardware.....	176.58	\$249.08
Balance.....		\$.92

BULLETIN BOARDS AT RAILROAD STATIONS

Appropriation.....	\$10.00
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Expended

Perry & Marston, screws.....	\$.29	
C. H. Everson, signs.....	3.75	
R. M. Gibson, painting.....	3.00	\$7.04
Balance.....		\$2.96

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RUBBISH CANS

Appropriation..... \$60.00

Expended

Dyar Supply Co., cans.....	\$45.00	
American Express Co.....	.37	45.37
Balance.....		\$14.63

EDGESTONE RESET AND STREET CORNERS 1915

Street	Location	Edgestones		Reset
		Straight	Curved	
Corey Street.....	At Wyoming Avenue...		12.50	
Corey Street.....	At Grove Street.....		25.70	
Florence Street.....	At Russell Street.....	10.60	12.60	
Franklin Street.....				517
Grove Street.....	At Faxon Street.....		13.10	
Main Street.....				300
Porter Street.....	At Stratford Road.....			50
Porter Street.....	At Lincoln Street.....			49
Rowe Street.....	At Upham Street.....			28
Russell Street.....	At Trenton Street.....	11.50	11.50	
Total.....		22.10	75.40	944

STREET ORDERED LAID OUT (Under Betterment Act)

Street	From	To	Width	Length	Date
First St.....	Eleventh St.....	Waverly Ave.....	40 ft.	1032	May 19, 1915
Lynde Ave.....	Washington St...	Wyoming Ave....	40 "	1028	Nov. 23, 1915
Warwick Rd...	Dyer Ave.....	Perkins St.....	40 "	1136	Dec. 10, 1915

CARE OF TREES

Appropriation..... \$1,000.00

Expended

Labor and teams.....	\$948.94	
J. Bennett, iron.....	2.50	
A. M. Tuttle, trees.....	14.00	
Deering Lumber Co.....	1.33	
Highway Division stock.....	9.00	\$975.77
Balance.....		\$24.23

CITY OF MELROSE

CITY HALL

Salaries and Wages

Appropriation.....		\$1,300.00
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Expended

Labor as per pay rolls.....	\$1,289.09	
Insurance.....	10.91	\$1,300.00

OTHER EXPENSES

Appropriation.....	\$2,000.00
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Expended

Supplies.....	\$168.72	
Repairs.....	429.65	
Coal and wood.....	570.34	
Electric lighting.....	555.50	
Electric lighting clock in tower.....	109.46	
Gas lighting.....	52.83	
Plants for vase and bed.....	28.00	
Water rates.....	49.37	\$1,963.87
Treasury balance.....		\$36.13
Amount billed for use of hall.....		\$1,193.00

MEMORIAL BUILDING

Salaries and Wages

Appropriation.....	\$1,100.00	
Transferred from Other Expenses.....	100.00	\$1,200.00

Expended

Labor as per pay rolls.....	1,171.43
Treasury balance.....	\$28.57

OTHER EXPENSES

Appropriation.....	\$1,900.00	
Less transfer to Salaries and Wages.....	100.00	\$1,800.00

Expended

Janitors' supplies.....	\$83.41	
Move furniture.....	66.63	
Eyre & Co., cleaning curtains.....	10.00	
Deering Lumber Co.....	1.57	
Andrew Dutton Co., repair stage curtain.....	2.60	
Andrew Dutton Co., repair doors.....	30.15	
Andrew Dutton Co., pads for ventilators.....	18.00	
Brock Brothers, plumbing repairs.....	12.80	
George W. Dew, painting.....	61.40	
L. C. Hoyt, painting.....	216.59	
Wing Electric Co.....	3.95	
McDonald, Joslyn Co.....	223.74	
Joseph Edwards.....	4.40	
Haywood & Wakefield Co.....	7.25	
Repairing and grading lawn.....	168.98	
Coal and wood.....	566.32	
Electric lighting.....	234.60	
Gas lighting.....	33.93	
Water rates.....	36.27	\$1,782.57
Balance.....		\$17.33
Amount billed for use in Auditorium and G. A. R. Hall.		
Auditorium.....	\$3,075.22	
G. A. R. Hall.....	452.04	
	\$3,527.26	

CONTINUOUS SIDEWALKS

Appropriation.....	\$10,000.00	
Balance 1914 account.....	6,084.42	
Transfer bills.....	104.31	
Receipts during 1915.....	5,183.74	\$21,372.47

Expended

Edgestone.....	\$6,664.04	
Granolithic.....	6,830.92	
Concrete.....	423.23	
Sodding.....	1,417.47	
Stock from highway.....	86.35	
Cement.....	24.00	
Oil and sundries.....	34.08	
Labor and teams.....	3,018.26	
Insurance and tools.....	282.40	
Damages.....	500.00	\$19,280.75
Balance.....		\$2,091.72

INDIVIDUAL WALKS

Balance January 1, 1915.....	\$303.75	
Appropriation.....	1,500.00	
Transfer from highways.....	7.00	
Total collections by Treasurer.....	\$1,547.82	
Less refunds.....	428.86	1,118.96
		\$2,929.71

Expended

Labor and teams.....	\$322.75	
Edgestone.....	677.91	
Granolithic.....	1,160.08	
Concrete.....	4.39	
Sodding.....	170.55	
Oil.....	3.50	
Cement.....	2.60	
Tools and insurance.....	28.46	\$2,370.24
Balance.....		\$559.47

REPAIR PRESENT WALKS

Appropriation.....	\$5,000.00	
Receipts.....	3.06	\$5,003.06

Expended

Minor repairs.....	\$37.62	
Sodding.....	66.07	
Paving.....	38.75	
Brick walks.....	277.66	
Relay curb.....	234.03	
Concrete repairs.....	3,969.64	
Granolithic repairs.....	103.74	
Tools and insurance.....	55.68	
Damages.....	75.00	\$4,858.19
Balance.....		\$144.87

CONTINUOUS WALKS—1915 (One-half cost assessed to abutments)

Street	Side	From	To	Edgestones		Block	Granolithic		Concrete Yards	Sod Feet
				Straight	Curve		Walk	Drive		
Cass Street.....	East.....	Foster Street.....	South.....	116.30					76.11	
Cedar Park.....	West.....	At Jonathan Barrett Estate	Highland Avenue.	237.50	8.60					822
Cliff Street.....	East.....	Franklin Street.....	Wyoming Avenue.	1,689.40	251.20	24	140.20			
Cottage Street.....	Both.....	W. Foster Street.....	No. 3 to 5.....	196.90	151.70	2	201.85	10.14		846
Crystal Street.....	East.....	Holland Road.....	West.....	476.10	16.00		347.99			2,536
W. Emerson Street.....	North.....	Sixth Street.....	East.....						273.88	
First Street.....	South.....	Brook.....	Dell Avenue.....	1,262.70	51.80					2,867
E. Foster Street.....	Both.....	At No. 349.....	Vinton Street.....	1,942.60	57.50	10			41.19	
Franklin Street.....	Both.....	Main Street.....	Richardson Road.....	144.80	209.50					7,085
Henry Avenue.....	North.....	Nowell Road.....	North.....	222.80		4				894
Hillside Avenue.....	West.....	Emerson Street.....								941
Holland Road.....	East and North.....	Emerson Street.....	North and West.....	331.30	175.30	4	280.13	9.70		1,664
Lincoln Street.....	East.....	Porter Street.....	Sawyer's.....	445.00	12.20	10	290.60	23.32		1,011
Lincoln Street.....	West.....	Porter Street.....	West.....	489.10		8	252.78	18.27		1,400
Lynde Street.....	North.....	Walnut Street.....	West.....	166.00			304.00			
Main Street.....	West.....	At Ell Pond.....					815.37	5.43		
Main Street.....	East.....	Boardman Avenue.....	Line.....				43.33			215
Melrose Street.....	South.....	At No. 88.....	Foster Street.....							3,372
Myrtle Street.....		Essex Street.....	Paisley's.....	400.00			393.58	11.61		1,413
Nowell Road.....	East.....	Briggs Street.....	Lincoln Street.....	222.10	12.50	2	132.50	3.05		447
Porter Street.....	South.....	Merrill Street.....	Old Walk.....	90.00	188.60		139.60			675
Richardson Road.....	North.....	Ashland Street.....	Emerson Street.....	490.80						1,385
Rowe Street.....	East.....	Upham Street.....							32.22	
Sanford Street.....	North.....	S. L. Whitcomb's.....	First Street.....						82.06	
Sixth Street.....	East.....	Foster Street.....	Porter Street.....	874.90	14.20		515.80	6.03		2,074
Stratford Road.....	Both.....	Emerson Street.....	Cemetery.....	148.80	599.02					
Sylvan Street.....	South.....	Main Street.....	West.....						264.09	
Warwick Road.....	Both.....	Munn's, No. 28.....								
Wyoming Avenue.....	Corner.....	Brown Street.....		11.50	15.90		23.51			
Wyoming Avenue.....	North.....	At No. 98.....								

INDIVIDUAL WALKS 1915

Abutters	Location	Lin. Ft. Edgestones			Sq. Yds. Concrete	Granolithic		Sq. Ft. Sodd.	Credit	Total Cost	Cost to Abutter
		Straight	Curved	Block		Walk	Drive				
Frank W. Abbott.....	64 Stratford Road.....	84.50				50.00	2.80	192	.....	158.34	79.17
G. P. Anderson.....	Crystal St., No. 3-5.....					55.55		250	15.25	93.46	31.48
H. P. Andrews.....	66 Meridian St.....	89.00	16.50					372	.....	104.96	52.48
E. E. Postwick.....	58 Bellevue Ave.....	121.20		2		91.33	6.60	483	.....	205.21	132.61
George W. Burke.....	973 Main Street.....	Change for	Driveway						.....	9.75	9.75
Miss Agnes Dodge.....	Cliff St.....	95.90				83.53	4.53	486	.....	243.14	121.57
A. S. Favor.....	180 Ashland St.....	24.60							.....	19.90	9.75
Mrs. S. F. Flanders.....	97 Bellevue Ave.....	112.00						410	.....	113.05	56.53
E. L. Fuller.....	18 Perkins St.....	125.70		2		71.10	8.60	634	.....	251.07	125.54
R. T. Hay.....	81 Stratford Road.....	80.00				44.90		193	.....	142.54	71.27
S. W. Harvey.....	276 Grove St.....	51.00		2		40.19	2.57		.....	110.72	55.36
D. H. Huntley.....	127 E. Emerson St.....	129.40		2		79.96	6.16		.....	244.43	122.22
T. G. Krumm.....	84 Grove St.....	Change for	Driveway						.....	5.91	5.91
Wallace R. Lovett.....	63 Stratford Road.....	80.00				44.50	2.90	166	.....	144.04	72.02
Caroline Pool.....	68 W. Wyoming Ave.....								.....	8.03	8.03
S. S. Porter.....	Main St. and Briggs St.....	(Part of Work done in 1914)						106	.....	107.65	83.83
Willis A. Smith.....	17-19-23 Lake Ave.....	43.00	38.20	2		56.25	4.68	239	.....	189.92	94.96
F. E. Smith.....	133 Bellevue Ave.....					74.30	6.80		.....	125.09	62.55
J. A. Stewart.....	86 Moorland Road.....	56.80		2		37.78	4.74	207	.....	126.02	63.01
Ralph I. Wellman.....	983 Franklin St.....	Driveway								9.37	9.37

PUBLIC WORKS DEPARTMENT

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SEWER DIVISION
SEWER CONSTRUCTION

Appropriation.....	\$10,000.00	
Balance Jan. 1, 1915.....	4,050.80	
Stock balance.....	3,596.07	
Stock 1914 transferred to 1915.....	2,275.58	
		<u>\$19,922.45</u>

Expended

Sewers (See table for streets).....	\$10,468.27	
Less amount due highways.....	115.60	\$10,352.67
		<u>9,569.78</u>

Balance \$

Amount charged to surface drainage.....	\$252.00	
Ledger balance.....	5,468.51	
Stock balance.....	3,849.27	<u>\$9,569.78</u>

STOCK ACCOUNT

Stock balance Jan. 1, 1915.....		\$3,596.07
1914 stock transferred 1915.....		\$2,275.58
Purchased:		
Sewer Pipe.....	\$2,522.43	
Cement.....	524.46	
Brick.....	728.68	
Castings.....	1,186.40	
Invoices, insurance, tools, teams and lumber.....	2,068.64	
Sundries, including yard rent.....	821.15	
Labor at yard.....	241.75	<u>\$8,093.51</u>
		\$13,965.16
Stock used on sewer construction.....	\$2,761.03	
Stock used by other divisions and sold.....	7,354.86	<u>\$10,115.89</u>
Balance.....		\$3,849.27

COST OF SYSTEM

Construction to January 1, 1915.....	\$463,994.75
Construction in 1915.....	10,468.27
Total.....	<u>\$474,463.02</u>

SEWER MAINTENANCE

Appropriation.....	\$1,200.00
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Expended

Amount due from 1914 account sewer construction.....	\$8.68	
Cleaning, flushing, labor and teams.....	632.83	
Martin Street, sewer.....	20.00	
Lowering Ashland street sewer.....	78.04	
Raising and lowering manholes.....	74.79	
Invoices, tools and supplies.....	328.19	
General account, Waghorne & De Courcy.....	36.95	
Insurance.....	21.02	\$1,200.50
Deficit.....		\$.50

Private Sewers

There have been 108 connections made with the main sewers the past year, making a total to January 1, 1916 of 3211. (Cost of private sewers paid for by applicant).

Expended

Labor as per pay rolls.....		\$2,464.97
Due sewer construction 1914 account.....	\$221.10	
Stock, insurance and tools, sewer construction 1915.....	1,322.36	
Stock and teams, Highway Division.....	79.19	
Printing.....	2.25	\$4,089.87

SEWER CONSTRUCTION—1915

Street	Location	Pipe		Man Holes
		Size Inches	Length Feet	
Ashland St.....	Richardson Rd. to Marvin Rd.....	6	296	2
Dyer Ave.....	Sears Ave., southerly.....	6	276	2
Gilbert St.....	Pleasant St., westerly.....	6	72	..
Lynn Fells Parkway	N. side Charles St., to Warwick Rd....	6	835	4
Sherman Rd.....	Warwick Rd., easterly.....	6	304	1
Warwick Rd.....	Lynn Fells Parkway, northerly.....	6	401	2
Warwick Rd.....	Sherman Rd. to Youle St.....	6	260	2
Waverly Pl.....	End of Street to Metropolitan Sewer....	10	123	2
	End of street northerly.....	6	307	..
Wyoming Ave.....	Cleveland St., westerly.....	6	318	1
Total.....			3192	16

Sewers Built to January 1, 1916

6 inch pipe	119,278	Feet
8 " "	52,626	"
10 " "	17,529	"
12 " "	10,281	"
15 " "	3,839	"
18 " "	5,150	"
20 " "	2,788	"
24 " "	1,213	"
20 x 18 inch brick	3,035	"
20 " "	111	"
24 " "	28	"

 215,878

Note:—Total length of sewers 215,878 ft. or 40.89 miles, 2.4 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by an Act of the Legislature, Melrose is permitted to use in the same manner as the local sewers.

 SURFACE DRAINAGE
 Construction

Appropriation.....	\$15,000.00	
Balance Jan. 1, 1915.....	629.06	\$15,629.06

Expended

Construction 1915.....	\$12,150.82	
Stock 1914 account.....	2,060.80	\$14,211.62
Balance.....		\$1,417.44
Treasury balance.....	\$1,669.44	
Less due sewers.....	252.00	
	\$1,417.44	

 CLEANING BROOKS
 "Special"

Appropriation.....	\$1,000.00
--------------------	------------

Expended

Bennett's brook.....	\$45.25	
Pearl Street brook.....	18.56	
Ell Pond brook, labor and teams.....	450.24	
Spot Pond brook, labor and teams.....	360.84	
Tremont Street brook.....	7.50	
Spot Pond brook, stock.....	24.00	
Dix Pond brook.....	1.25	
Linwood Avenue brook.....	7.50	
Sucker brook.....	19.38	
Gould Street brook.....	15.25	
Rubber boots.....	50.23	\$1,000.00

CITY OF MELROSE

SURFACE DRAINAGE

Maintenance

Appropriation.....	\$2,500.00
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Expended

Cleaning catch-basins, labor and teams.....	\$2,089.77	
Cleaning brooks.....	22.44	
Drains, labor and teams.....	119.37	
Drains, stock.....	45.51	
Mountain Avenue, labor and teams.....	165.41	
Mountain Avenue, stock.....	3.40	
Invoices, stock and sundries.....	58.28	\$2,504.17
Deficit.....		\$4.17

SURFACE DRAINS CONSTRUCTED 1915.

Street	Location	Pipe		Manholes	Catch Basins
		Size Inches	Length Feet		
Brown Street.....	Wyoming Ave. to Wyoming Hts.....	10	138	.....	3
Chester Street.....	Brook to Adams St.....	10	220	.....	1
Corey Street.....	Near Ell Pond Brook.....	12	50	.....	2
Emerson Street, West.....	Main St., westerly.....	12	500	2	4
Emerson Street, West.....	Myrtle St., westerly.....	12	508	2	.....
Emerson Street, West.....	Holland Road.....	.....	.....	.....	1
Essex Street.....	Near Main Street.....	.....	.....	.....	1
Florence Avenue.....	Grove St., southerly.....	12	30	.....	2
Franklin Street.....	Pratt Street.....	.....	.....	.....	1
Greenwood Street.....	Brook via right of way.....	12	110	.....	2
Grove Street.....	Larabee St. to Swain's Pond Ave.....	12	522	2	4
Hurd Street.....	Opp. Circuit St.....	10	108	.....	1
Main Street.....	At low point near Linden Road.....	.....	.....	.....	1
Merrill Street.....	Right of way southerly.....	20	48	1	2
Morgan Street.....	Opposite Briggs St.....	.....	.....	.....	1
Mountain Avenue.....	Brook and southerly.....	20	186	.....	.....
Mt. Vernon Street.....	Main St., easterly.....	12	550	2	.....
Rowe Street.....	Emerson St., northerly.....	12	172	.....	1
Stratford Road.....	Porter St., southerly.....	24	202	1	.....
Stratford Road.....	Right of way to Merrill St.....	24	256	.....	.....
Walton Park.....	Via right of way to Rockland St.....	12	208	.....	1
Wyoming Avenue.....	Main St. to Brown St.....	12	898	.....	6
		10	214	.....	.....
Total.....		.....	4920	10	34

SUMMARY OF IMPROVED SURFACE DRAINAGE CONSTRUCTED TO JAN. 1, 1916

8 inch Akron Pipe	646 lin. ft.	
10 " " "	2,938 " "	
12 " " "	24,176 " "	
15 " " "	14,604 " "	
16 " Iron "	284 " "	
18 " Akron "	5,911 " "	
20 " Iron "	120 " "	
20 " Akron "	4,396 " "	
24 " " "	1,936 " "	
Brick conduit.....	659 " "	
Concrete conduit.....	8,894 " "	
Number of concrete culverts.....	5	
" " manholes.....	305	
" " catch basins.....	525	
Cost of System to Jan. 1, 1915.....		\$175,401.61
Construction 1915.....		12,150.82
Cost of System to Jan. 1, 1916.....		\$187,552.43
Total length of Improved Surface Drains.....	12.23 miles	

ENGINEERING DIVISION.

Salaries and Wages

Appropriation.....	\$3,500.00
Received from Cemetery Department.....	32.31
	\$3,532.31

Expended

Salaries as per pay rolls.....	\$3,512.76	
Liability insurance.....	19.55	\$3,532.31

Other Expenses

Appropriation.....	\$325.00
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Expended

Supplies.....	\$109.31	
Repair instruments.....	12.30	
Grade stakes.....	70.25	
W. Stevens, survey Dill's Court.....	25.00	
Bicycles.....	30.00	
Horse hire.....	45.00	
Maps, Makepiece.....	26.01	
Insurance.....	7.13	\$325.00

SYNOPSIS OF WORK DONE**Highway Division**

Street lines and grades given for construction of new streets, including gutters, crossings, guard rails, etc., and record plans made of same.

Sewer Division.

Estimates have been rendered, lines and grades given, records kept of "Y" locations, plans and profiles made, and schedules for assessing all sewers constructed.

Water Division

Estimates have been made and lines given for water mains, constructed and relaid. For location, lengths and size of mains, see tables under "Water Division."

Surface Drainage

Surveys, computations, and plans have been made, lines and grades given, and records kept of "Y" locations of all new work constructed.

Wyoming Cemetery

Eighty lots have been surveyed, a plan of each lot made and blueprints of same furnished the Cemetery Department. Lines and grades for driveways have been given. General plan of Cemetery showing lots has been corrected to date.

Sidewalks

Plans and profiles have been made, lengths and radii of curbing computed, work measured and schedules for assessment made.

Assessment Plans

New buildings have been plotted. Common and private sewers have been constructed and sewer assessment data recorded on plans.

Street Numbering

All new houses have been located and numbered. Numbers have been furnished and put on 114 buildings.

CLASSIFICATION OF EXPENDITURES

Highways:

Comprising plans, estimates, titles, profiles, lines and grades, and all other engineering work relating to the Department.	\$832.96
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Sewers:

Comprising surveys, estimates, profiles, lines, grades, plans, assessments, and all other engineering work relating to sewers.	\$224.12
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Surface Drainage:

Comprising lines, grades, surveys and plans of all surface drainage work.	\$335.16
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Water Works:

Comprising lines, location of mains, plotting of new mains, etc., on city water map.	\$240.35
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Street Numbering:

Location of buildings, numbering plans and affixing street numbers on houses.	68.45
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Street Lines and Grades for Abutters:

Street lines and grades have been given for sixty abutters. . . .	281.10
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Assessment Plans.	292.37
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Office Work:

Records of locations, indexing, calculating, and general draughting.	\$835.77
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Wyoming Cemetery:

Comprising line and grade of lots surveyed, plans of lots made, etc.	90.07
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Miscellaneous.	331.96
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\$3,532.31

In conclusion I desire to express my appreciation to His Honor, the Mayor, the Board of Aldermen, and the City Officials, for courtesies extended, and to the employees of this Department for their co-operation.

Respectfully submitted,

GEORGE O. W. SERVIS,
Engineer and Superintendent of Public Works

MELROSE, MIDDLESEX COUNTY, MASSACHUSETTS

Location, 7 miles north of Boston.	
Population, April 1, 1915.....	17,096
Number of voters.....	3,651
Number of polls.....	4,923
Greatest extent of city north and south.....	2.44 miles
Greatest extent of city east and west.....	2.95 miles
Valuation of real estate.....	\$16,317,600.00
Valuation of personal.....	\$2,623,780.00
Tax rate per thousand.....	\$23.70
Area of city.....	3,115.00 acres
Land.....	3,079.50 acres
Water.....	35.50 acres
Length of public streets.....	47.85 miles
Length of private streets.....	14.30 miles
Total length of water mains.....	54.79 miles
Range of pressure on mains.....	from 100 lbs. to 23 lbs....
Total length of sewers.....	40.89 miles
Number of 200 candle power incandescent lights.....	52
Number of 40 candle power incandescent lights.....	718
Number of luminous arcs 14 all night	
18 to midnight.....	32

Areas of Parks:

Melrose Common.....	44 acres
Sewall Woods Park.....	9.0 "
Ell Pond Park.....	25.50 "
Pine Banks Park.....	81.7 "
Middlesex Fells.....	170.0 "
Area of Wyoming Cemetery.....	43.5 "

Elevation Main Street at City Hall, 61 feet above mean low water.

Elevation Franklin Square, 85 " " " " "

City Clerk's Annual Report

Melrose, Mass., Jan. 24, 1916

To His Honor, the Mayor and the Board of Aldermen.

Gentlemen:—In accordance with the City Ordinances, I have the honor to transmit herewith the Annual Report of the City Clerk's Department, the same being for the municipal year ending December 31, 1915, and the payments of the same to the proper authorities.

Licenses and fees received in the City Clerk's Department, January 1, 1915 to December 31, 1915.

Marriage Intentions, 157, at \$1.00.....	\$157.00
Mortgages, 103 at 75c.....	77.25
Releases, mortgages, etc., 28 at 25c.....	7.00
Drivers' Licenses, 4 at \$1.00.....	4.00
Hackney Carriages, 6 at \$1.00.....	6.00
Bowling, alleys, 4 at \$10.00.....	40.00
Billiards and pool, 11 tables at \$5.00.....	55.00
Junk collectors, 8 at \$10.00.....	80.00
Auctioneers, 9 at \$2.00.....	18.00
Boat livery, 1 at \$1.00.....	1.00
Express and jobbing, 19 at \$1.00.....	19.00
Gasoline licenses, 82 at \$1.00.....	82.00
Renewal gasoline licenses, 20 at 50c.....	10.00
Intelligence office, 1 at \$1.00.....	1.00
Second hand furniture, 1 at \$10.00.....	10.00
Gunpowder and firearms, 1 at \$1.00.....	1.00
Itinerant musicians, 10 at \$1.00.....	10.00
Miscellaneous papers.....	16.35
	\$594.60

June:7, 1915, Paid the City Treasurer.....	\$247.70	
June 9, 1915 " ".....	93.00	
Aug. 9, 1915 " ".....	113.05	
Jan. 13, 1916 " ".....	140.85	\$594.60

Appropriation in Budget for City Clerk's Department Salaries and Wages.....	\$1,800.00
Salaries paid, as per Auditor's Report.....	1,800.00

CITY CLERK'S REPORT

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Appropriation in Budget for City Clerk's Department, Other Expenses.....	\$270.00
Bills paid, as per Auditor's Report.....	270.00

Appropriation in Budget for City Clerk's Department, Vital Statistics.....	\$220.00
Bills paid, as per Auditor's Report.....	217.68

Balance December 31, 1915.....	\$2.32
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Appropriation for printing and distributing the City Report in the Budget.....	\$500.00
Bills paid as per Auditor's Report.....	450.60

Balance December 31st, 1915.....	\$49.40
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Appropriation in the Budget for Election and Registration, Salaries and Wages.....	\$1,400.00
Bills paid, as per Auditor's report.....	1,398.00

Balance December 31, 1915.....	\$2.00
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Election and Registration, Other Expenses.....	\$1,020.00
Bills paid, as per Auditor's report.....	1,018.50

Balance December 31, 1915.....	\$1.50
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Dog Licenses

564 Male dogs at \$2.00.....	\$1,128.00
77 Female dogs, at \$5.00.....	385.00
1 Breeder's license at \$25.00.....	25.00

 \$1,538.00

642 Licenses—less fees 20c each.....	128.40
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 \$1,409.60

June 3, 1915 Paid the County Treasurer.....	\$1,111.40
Dec. 4, 1915 " " ".....	298.20

 \$1,409.60

CITY OF MELROSE

Hunters' Licenses 1915

Number of licenses issued, 234 at \$1.00..... \$234.00

Paid Fish and Game Commissioner:

Jan. 11, 1915.....	\$12.00	
Feb. 9, 1915.....	12.00	
Mar. 11, 1915.....	6.00	
Apr. 8, 1915.....	1.00	
May 7, 1915.....	3.00	
Aug. 16, 1915.....	10.00	
Sept. 3, 1915.....	13.00	
Oct. 6, 1915.....	19.00	
Oct. 15, 1915.....	111.00	
Nov. 6, 1915.....	33.00	
Nov. 16, 1915.....	12.00	
Dec. 6, 1915.....	2.00	\$234.00

Respectfully submitted,

W. DeHAVEN JONES,
City Clerk

Report of Registrars of Voters

Melrose, Mass., Jan. 25, 1916

To His Honor, the Mayor, and the Board of Aldermen:—

Gentlemen:—The Registrars of Voters held forty-four meetings during the year 1915.

The annual meeting for the election of officers was held on July 22, 1915 in the City Clerk's office. Edwin L. Cragin was unanimously re-elected, as chairman, and W. DeHaven Jones served as Secretary ex-officio.

Edwin J. Tirrell, having been re-appointed by the Mayor, and confirmed by the Board of Aldermen, as a Registrar of voters, for another term of three years, the oath of office was administered by the City Clerk at this meeting.

The jury list was prepared by the Registrars on July 28, 1915 and one hundred and eighty-six names were placed on the list for drawings.

Several meetings were used up in revising the voting lists in accordance with the Assessors' returns, two hundred and forty names were dropped, and the lists when revised were as follows:

Males									
Wards	1	2	3	4	5	6	7-1	7-2	Totals
Totals	439	567	452	390	404	566	408	88	3314

The State Primaries were held on September 21, 1915.

A recount of votes cast at the State Primaries for Representative to the General Court, from the twenty-second Middlesex District, was held on the 25th of September, 1915 between Harry C. Woodill and Eben F. Phillips—Harry C. Woodill gained one vote, there was no change in the result.

The Registrars held many meetings, and once a week during the month of August, as required by law, for the purpose of certifying nomination papers they certified about 3,400 names for the State election, and over 2,600 names for the City election, making about 6,000 names in all.

State Election

Meetings held for registering the voters for the State Election, November 2, 1915. Daily sessions (except Sundays and holidays, Monday, September 20th and Tuesday, September 21st) for registration of qualified voters were held in the office of the City Clerk, City Hall, Melrose, during office hours (i. e. from 8 a.m. to 5 p.m., Saturdays 8. am. to 12 m) beginning Thursday, August 12th and ending Wednesday, October 13th, 1915.

The following evening sessions were held in the Aldermanic Chamber, City Hall, Melrose:

Friday, September 10th, from 7 to 10 p.m.

Tuesday, September 14th, from 7 to 10 p.m.

Tuesday, September 28th, from 7 to 10 p.m.

Tuesday, October 5th, from 7 to 10 p.m.

Final Session

Wednesday, October 13th, from 12 noon until 10 o'clock p.m.

(When registration ceased.)

	Male								
Wards	1	2	3	4	5	6	7-1	7-2	Totals
Totals	473	627	500	421	439	613	440	104	3,617

City Election

Meetings were held for registering the voters for the City election to be held December 14, 1915, as follows:

Daily sessions were held in the office of the City Clerk, City Hall, Melrose, beginning Monday, November 8th and ending Wednesday, November 24th, 1915.

Evening Sessions

Tuesday, November 9th, from 7 to 10 p.m.

Wednesday, November 17th from 7 to 10 p.m.

Final Session

Wednesday, November 24th, from 12 noon until 10 o'clock p.m.

(When registration ceased.)

	Male								
Wards	1	2	3	4	5	6	7-1	7-2	Totals
Totals	477	636	499	424	442	622	443	111	3,654

Female

Wards	1	2	3	4	5	6	7-1	7-2	Totals
Totals	43	43	49	107	48	58	14	11	373

Respectfully submitted,

EDWIN L. CRAGIN

JOHN J. KEATING

EDWIN J. TIRRELL

W. DeHAVEN JONES

Registrars of Voters

Report of City Solicitor

Melrose, Mass., Mar. 29, 1916

Hon Charles H. Adams, Mayor, Melrose, Mass.

Pursuant to the requirements of the ordinance, I have the honor to submit the following report of the Law Department for the year ending the first Monday of March, 1916.

Owing to weather conditions, the past year has been productive of more than the usual number of claims against the city, both for accidents upon the highways and for damages caused by the overflowing of Ell Pond Brook and Spot Pond brook, and by the flooding of premises by water escaping from the highways. All of these claims have been investigated, many have been settled, others have been rejected and apparently have been dropped by the claimants. Upon still others, suits have been brought and are now pending.

The suits brought against the city during the year are seven in number, four being for accidents upon the highways, two for damages caused by flooding of property and one a land damage case arising out of the taking of land for Corey Road.

Suits have been started by the city against private parties in two cases to collect claims due to the city. These cases are still pending. Other claims in behalf of the city against the towns of Ipswich, Revere and Stoneham and the City of Salem have been collected by this department during the year.

The city has been summoned as trustee in fifteen suits brought against employees of or contractors with the city. Sixty-two other matters have been referred to this department by various boards and officials of the city and opinions rendered or action taken thereon.

Under the statutes, the various expenses of the Metropolitan Park district and the contributions of the cities and towns composing that district for sinking fund and maintenance requirements are re-apportioned at the end of every five years. Such a five-year period ended during the past year and a new apportionment has been made by a commission appointed by the Supreme Court, in the hearings before which commission the city was represented by this department. The same commission, after concluding the above-mentioned hearings, gave another series upon the question of apportioning the expenses for the reconstruction and maintenance of Wellington Bridge, at which the city was also represented by this department.

Yours truly,

ARTHUR S. DAVIS,

City Solicitor

Report of City Collector for 1915

December 31, 1915

To the Honorable Board of Aldermen, City of Melrose:—

I hereby submit the sixteenth Annual Report of Collector's Office.

1911

Received and paid Treasurer.....	\$2.00
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1912

Uncollected Dec. 31, 1914.....		\$2,469.17
Interest.....		373.92
Overpaid.....		-177.00
City possessions.....	\$443.70	
Abated.....	148.15	
Additional takings.....	103.02	
Cash paid Treasurer, tax and interest.....	2,325.22	
	\$3,020.09	\$3,020.09

1913

Uncollected Dec. 31, 1914.....		\$48,303.18
Interest.....		3,626.42
		\$51,929.60
City possessions.....	\$503.88	
Abated.....	1,543.90	
Takings.....	6,138.28	
Cash paid Treasurer, tax and interest.....	42,082.62	\$50,268.68
Uncollected Dec. 31, 1915.....		\$1,660.92

1914

Uncollected, Dec. 31, 1914.....		\$172,679.35
Interest.....		3,706.19
Additional.....		138.88
		\$176,524.42
Abatements.....	\$2,480.03	
Paid Treasurer, tax and interest.....	120,577.04	123,057.07
Uncollected Dec. 31, 1915.....		\$53,467.35

COLLECTOR'S REPORT

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1915

Warrant		\$458,610.70	
Additional		1,851.81	
Interest		253.94	
			\$460,716.45
Abatements	\$4,395.00		
Paid Treasurer, tax and interest	269,380.22	273,775.22	
			\$186,941.23

SUNDRY COLLECTIONS

Non-resident bank tax	\$1,221.02		
Bay State Ry. Co., Excise Tax	2,251.94		
Collector's receipts	1,734.43		
Conscience Fund	10.00		
Rental account	2.50		
			\$5,219.89

WATER RATES

1911—Collected and paid Treasurer	\$1.21		
1912—Collected and paid Treasurer	9.00		
1913—Collected and paid Treasurer	194.22		
1914—Collected and paid Treasurer	7,195.50		
1915—Collected and paid Treasurer	40,911.43		
Sunmons	125.20	\$48,436.56	

MOTH ACCOUNT

1912—Collected and paid Treasurer	\$2.45		
1913—Abatements	\$3.00		
Paid Treasurer	123.30	123.30	
1914—Abatements	0.00		
Paid Treasurer	59.90	59.90	
1915—Abatements	1.05		
Paid Treasurer	465.10	465.10	\$650.75

STREET WATERING

1912—Collected and paid Treasurer	\$49.54		
1913—Collected and paid Treasurer	1,019.68		
1914—Collected and paid Treasurer	2,940.94		
1915—Collected and paid Treasurer	5,809.35	\$9,819.51	

CITY OF MELROSE

SEWER ACCOUNT

Collected and paid Treasurer			\$4,117.01
Distribution:			
Apportioned	\$1,885.14		
Non-Apportioned	1,639.32		
Interest	592.55	4,117.01	

BETTERMENTS

Collected and paid Treasurer		\$933.88
Cash	\$807.29	
Interest	126.59	
		\$933.88

SIDEWALKS AND CURBING

Collected and paid Treasurer		\$5,433.97
Distribution:		
Apportioned	\$2,270.23	
Non-apportioned	2,900.73	
Interest	263.01	
		\$5,433.97

REDEMPTION OF PROPERTY TAKEN BY CITY FOR YEARS AS
BELOW

Year	Tax	Interest	St. Wat.	Moth
1909	\$348.84	\$130.04	\$9.67	
1910	702.27	257.52	24.63	
1911	2,705.20	833.83	91.15	\$4.80
1912	2,409.15	493.95	102.36	6.50
1913	708.90	97.07	33.53	5.60
Sewer 1898	20.98			
City possessions.	416.81	55.02	7.00	
	\$7,312.15	\$1,867.43	\$268.34	\$16.90
Totals				\$9,464.82

Total Collections.....\$518,443.49

Respectfully submitted

JAMES W. MURRAY,

Collector

Report of City Treasurer

Melrose, Mass., Feb. 14, 1916

To the Honorable, the Mayor and Board of Aldermen,

Gentlemen:—As required by Chapter 5, Section 3, Revised Ordinances I submit herewith my report of cash receipts and payments for the year 1915, "showing the different sources of the city revenue and the amounts received from each" together with lists showing all outstanding notes and bonds, a list showing the total amount of each due each year until all are paid, and a list showing the different kinds of bonds and how many are due and payable serially from taxes and from sinking funds, and the amount in the sinking funds applicable to each.

Respectfully submitted,

WILLIAM R. LAVENDER,

City Treasurer

Cash on hand and in banks Jan. 1, 1915	\$16,686.04
Receipts in 1915 as per detailed statement herewith	1,029,272.46
	\$1,045,958.50
Payments in 1915	1,026,581.91
Balance in office and banks for account of 1915 on Jan. 31, 1916	19,376.59

CITY OF MELROSE

TEMPORARY LOANS OUTSTANDING, DECEMBER 31, 1915

Date	Due	Amount
February 1, 1915.....	January 31, 1916.....	\$600.00
February 1, 1915.....	January 31, 1916.....	700.00
April 6, 1915.....	April 6, 1916.....	4,000.00
April 14, 1915.....	April 3, 1916.....	25,000.00
April 14, 1915.....	April 3, 1916.....	10,000.00
April 14, 1915.....	April 3, 1916.....	10,000.00
April 14, 1915.....	April 3, 1916.....	5,000.00
April 29, 1915.....	April 29, 1916.....	1,400.00
May 27, 1915.....	February 24, 1916.....	10,000.00
May 27, 1915.....	February 24, 1916.....	10,000.00
July 8, 1915.....	March 17, 1916.....	10,000.00
July 8, 1915.....	March 17, 1916.....	10,000.00
July 8, 1915.....	March 17, 1916.....	5,000.00
September 13, 1915.....	June 22, 1916.....	10,000.00
September 13, 1915.....	June 22, 1916.....	10,000.00
September 13, 1915.....	June 22, 1916.....	10,000.00
September 13, 1915.....	August 4, 1916.....	10,000.00
September 13, 1915.....	August 4, 1916.....	10,000.00
October 11, 1915.....	October 11, 1916.....	2,000.00
November 16, 1915.....	April 23, 1916.....	15,000.00
November 16, 1915.....	April 23, 1916.....	15,000.00
December 15, 1915.....	May 12, 1916.....	20,000.00
December 15, 1915.....	May 12, 1916.....	15,000.00
		\$218,700.00

PERMANENT AND MUNICIPAL LOAN NOTES OUTSTANDING DEC. 31, 1915

Purpose	Date	Due	Order No.	Amount
Brown Tail and Gyp. Moth	Feb. 1, 1915	Feb. 1, 1916	8807	\$1,500.00
Lynde Avenue	Dec. 30, 1915	Dec. 30, 1916	8868	1,650.00
Bennett's Dam	Aug. 1, 1908	Aug. 1, 1916	4002B	1,000.00
" "	Aug. 1, 1908	Aug. 1, 1917	"	1,000.00
" "	Aug. 1, 1908	Aug. 1, 1918	"	1,000.00
Police Signal Boxes	Dec. 15, 1910	Dec. 15, 1916	6029	900.00
Continuous Sidewalks	Nov. 27, 1911	Nov. 27, 1916	6900	1,000.00
" "	Oct. 5, 1912	Oct. 5, 1916	7333	2,000.00
" "	Oct. 5, 1912	Oct. 5, 1917	"	2,000.00
Auditorium Building	Oct. 24, 1912	Oct. 24, 1916	7383	1,000.00
" "	Oct. 24, 1912	Oct. 24, 1917	"	1,000.00
Comb. Chemical and				
" Runabout	July 7, 1913	July 7, 1916	7481	1,000.00
" "	July 7, 1913	July 7, 1917.....	"	1,000.00
" "	July 7, 1913	July 7, 1918.....	"	1,000.00
" "	July 7, 1913	July 7, 1919.....	"	1,000.00
Care and Maintenance of Trees	July 7, 1913	July 7, 1916	7688	1,000.00
Grading Main St. and Ell Pond property	July 7, 1913	July 7, 1916	7781	500.00
Essex St. Macadam	July 7, 1913	July 7, 1916	7182	900.00

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Main St. Macadam	July 1, 1913	July 1, 1916	7762	2,500.00
" "	July 1, 1913	July 1, 1917	"	2,500.00
" "	July 1, 1913	July 1, 1918	"	2,500.00
" "	July 1, 1913	July 1, 1919	"	2,500.00
" "	July 1, 1913	July 1, 1920	"	2,500.00
" "	July 1, 1913	July 1, 1921	"	2,500.00
" "	July 1, 1913	July 1, 1922	"	2,500.00
" "	July 1, 1913	July 1, 1923	"	2,500.00
Hurd St.	Aug. 12, 1913	Aug. 12, 1916	7721	1,000.00
Spear St., Building of	Oct. 10, 1913	Oct. 10, 1916	7187A	1,000.00
" "	Oct. 10, 1913	Oct. 10, 1917	"	1,000.00
" "	Oct. 10, 1913	Oct. 10, 1918	"	1,000.00
Cemetery	Dec. 26, 1913	Dec. 26, 1916	7516	1,000.00
Church and Hancock				
Sts. and Mountain Ave.	Dec. 1, 1913	Dec. 1, 1916	6529A	550.00
" "	Dec. 1, 1913	Dec. 1, 1917	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1918	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1919	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1920	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1921	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1922	"	550.00
" "	Dec. 1, 1913	Dec. 1, 1923	"	550.00
Continuous Sidewalks	Sept. 1, 1913	Sept. 1, 1916	7761	2,000.00
" "	Sept. 1, 1913	Sept. 1, 1917	"	2,000.00
" "	Sept. 1, 1913	Sept. 1, 1918	"	2,000.00
West Foster St. Macadam	Aug. 20, 1914	Aug. 20, 1916	8256	1,000.00
" "	Aug. 20, 1914	Aug. 20, 1917	"	700.00
Richardson Rd. Macad.	Sept. 10, 1914	Sept. 10, 1916	7268	1,000.00
Shelter, Ell Pond Park	Aug. 20, 1914	Aug. 20, 1916	8484	500.00
" "	Aug. 20, 1914	Aug. 20, 1917	"	400.00
Funding Cemetery				
Trust Fund	Nov. 25, 1914	Nov. 25, 1916	8193	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1917	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1918	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1919	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1920	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1921	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1922	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1923	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1924	8193	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1925	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1926	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1927	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1928	"	2,000.00
" "	Nov. 25, 1914	Nov. 25, 1929	"	2,000.00
Continuous Sidewalks	Dec. 1, 1914	Dec. 1, 1916	8254	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1917	"	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1918	"	2,000.00
" "	Dec. 1, 1914	Dec. 1, 1919	"	2,000.00
Corey St.	Mar. 30, 1915	Mar. 30, 1916	8577	1,000.00
" "	Mar. 30, 1915	Mar. 30, 1917	"	1,000.00
" "	Mar. 30, 1915	Mar. 30, 1918	"	800.00
Grove St.	Apr. 8, 1915	Apr. 8, 1916	8061	800.00
" "	Apr. 8, 1915	Apr. 8, 1917	"	500.00
" "	Apr. 8, 1915	Apr. 8, 1918	"	500.00
" "	Apr. 8, 1915	Apr. 8, 1919	"	500.00
" "	Apr. 8, 1915	Apr. 8, 1920	"	500.00
Pine St.	May 7, 1915	May 7, 1916	8039	500.00
" "	May 7, 1915	May 7, 1917	"	500.00
" "	May 7, 1915	May 7, 1918	"	500.00

CITY OF MELROSE

Auto Hook and Ladder						
	Truck	Sept. 1, 1915	Sept. 1, 1916	8286	1,000.00	
"	"	Sept. 1, 1915	Sept. 1, 1917	"	1,000.00	
"	"	Sept. 1, 1915	Sept. 1, 1918	"	1,000.00	
"	"	Sept. 1, 1915	Sept. 1, 1919	"	1,000.00	
"	"	Sept. 1, 1915	Sept. 1, 1920	"	1,000.00	
Continuous Sidewalks				8814	2,000.00	
"	"	Aug. 1, 1915	Aug. 1, 1916	"	2,000.00	
"	"	Aug. 1, 1915	Aug. 1, 1917	"	2,000.00	
"	"	Aug. 1, 1915	Aug. 1, 1918	"	2,000.00	
"	"	Aug. 1, 1915	Aug. 1, 1919	"	2,000.00	
"	"	Aug. 1, 1915	Aug. 1, 1920	"	2,000.00	
First St. Construction				8066A	1,200.00	
"	"	Nov. 25, 1915	Nov. 25, 1916	"	1,000.00	
Paving Gutters and						
	Crossings	Aug. 12, 1915	Aug. 12, 1916	9197	500.00	
"	"	Aug. 12, 1915	Aug. 12, 1917	"	500.00	
"	"	Aug. 12, 1915	Aug. 12, 1918	"	500.00	
"	"	Aug. 12, 1915	Aug. 12, 1919	"	500.00	

 \$121,750.00

 W. R. LAVENDER,
City Treasure

Report of Sinking Fund Commissioners

Melrose, Mass., Jan. 29, 1916

To the Honorable, the Board of Aldermen, Melrose, Mass.

Gentlemen:—We submit herewith our report of the operations of the Sinking Funds for the year 1915.

The Board of Aldermen failed to make any provision in 1915 for the proper maintenance for the School Sinking Fund. The amount asked, for this fund was \$7,257. We now ask for an immediate appropriation of \$7,257 and that you instruct the City Treasurer to pay over this sum (7,257) into the School Fund so that it may be used in paying off the \$200,000 Schoolhouse loan due on February 24, 1916.

Yours respectfully,

EDWARD J. KITCHING,
EVERETT L. FULLER,
FRANKLIN P. SHUMWAY

Sinking Fund Commissioners

WILLIAM R. LAVENDER, TREASURER. IN ACCOUNT WITH WATER LOAN SINKING FUND

Dr.

Cash in Fund January 1, 1915.....	\$257.06
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Receipts in 1915

Coupons.....	\$2,660.00	\$2,660.00
Interest:		
On Notes and Bonds.....	316.75	
Melrose Natl. Bank, on deposits.....	12.47	
Accrued on Bonds sold.....	75.69	404.91
Bonds matured and sold:		
Matured		
2 Fitchburg R.R., Mar. 1, 1915, Nos. 9228-9229....	2,000.00	
Sold		
1 Middleboro, Nov. 1, 1915, No. 47.....	1,000.00	
Sold to other Funds		
4-10 Melrose School, Feb. 24, 1916, No. 29.....	400.00	
1-2 Melrose School, Feb. 24, 1916, No. 30.....	500.00	
Part Brookline 3½% (3,000.), Jan. 1, 1916, No. T 53.....	500.00	
6 Melrose School, 4%, Feb. 24, 1916, Nos. 26, 27, 35, 36, 94, 105.....	6,000.00	
3 Dakota & Gt. Sou. R.R. 5%, Jan. 1, 1916, Nos. 136, 386, 387.....	3,000.00	
Note City of Melrose, Sept. 12, 1915.....	400.00	
Part Schenectady, N.Y. 5%, Jan. 1, 1916 (2,500.), No. 6.....	500.00	
Note City of Melrose, Dec. 26, 1915.....	1,000.00	
Note City of Melrose, Aug. 20, 1917.....	400.00	
1 Chicago, 4%, Jan. 1, 1917, No. 641.....	1,000.00	16,700.00
		19,764.91
		\$20,021.97

CITY OF MELROSE

Payments in 1916

Interest, accrued on bonds bought.....	\$284.60	
Expenses.		
Part rental Safe Deposit Box.....	15.00	
Part cost Cash Book.....	.20	
Bonds bought		
Hornblower & Weeks, part Schenectady, N.Y., registered 5%, Jan. 1, 1916, No. 6, at 100.68 plus 1-16 (2,500.).....	503.71	
Curtis & Sanger, part Brookline, registered 3½% (3,000.00), No. T53 at 99.45.....	497.25	
Curtis & Sanger, 1 Melrose School, 4%, Feb. 24, 1916, No. 105.....	1,000.00	
Worcester North Savings, 2 Melrose School, 4%, Feb. 24, 1916, Nos. 26-27.....	2,000.00	
R. L. Day & Co., 4-10 Melrose School, 4%, Feb. 24, 1916, No. 29.....	400.00	
R. L. Day & Co. 1-2 Melrose School, 4%, Feb. 24, 1916, No. 30.....	500.00	
R. L. Day & Co., 2 Melrose School, 4%, Feb. 24, 1916, Nos. 35-36.....	2,000.00	
School Fund, 12 Melrose Water, 4%, Mar. 1, 1918, Nos. 440 to 449—451 to 461.....	12,000.00	
Melrose Natl. Bank, part (7,000.), Certificate of Deposit 3%, Sept. 15, 1915.....	600.00	
Melrose Natl. Bank, part (2,500), Certificates of Deposit 3%, Nov. 1, 1915.....	200.00	20,000.76
Balance cash in Melrose Natl. Bank Dec. 31, 1915...		\$21.21
	W. R. LAVENDER,	
	<i>Treasurer</i>	

IN ACCOUNT WITH SCHOOL HOUSE LOAN SINKING FUND

Cash in Fund January 1, 1915 \$424.18

Receipts in 1915

Coupons.....	\$6,547.50	\$6,547.50
Interest		
On Notes and Bonds.....	994.48	
Melrose Natl. Bank on deposits.....	22.75	
Accrued on Bonds sold.....	549.90	1,567.13
Bonds matured and sold:		
Matured		
Note City of Melrose, Jan. 31, 1915.....	1,000.00	
7 Boston & Lowell R.R., Mar. 1, 1915, Nos. 101- 102-184 to 187-364.....	7,000.00	
1 West End St. Ry., Aug. 1, 1915, A124.....	1,000.00	
Note City of Melrose, Aug. 20, 1915.....	1,000.00	
Note City of Melrose, Sept. 10, 1915.....	1,500.00	
Note City of Melrose, Sept. 12, 1915.....	400.00	
3 Minneapolis, Dec. 1, 1915, Nos. 2105 to 2107....	3,000.00	
Note City of Melrose, Dec. 3, 1915.....	1,000.00	
Note City of Melrose, Dec. 26, 1915.....	1,000.00	

Sold

1 Quincy, Mass., Aug. 1, 1915, No. 425.....	1,000.00		
Sold to other Funds:			
Part note City of Melrose, Dec. 26, 1916, at 4.20%	300.00		
1-2 Melrose School, Feb. 24, 1915, No. 28.....	500.00		
1 Boston Elevated R.R., May 1, 1935, No. 21.....	500.00		
12 Melrose Water, Mar. 1, 1918, Nos. 440 to 449-451-461.....	12,000.00		
7 Melrose Sewer, June 1, 1924, Nos. 1-76-81 to 85....	7,000.00		
4 Melrose Sewer, June 1, 1925, Nos. 155 to 157-160	4,000.00		
4 Wakefield, Mass., Nov. 1, 1925, Nos. 91 to 94....	4,000.00		
1 Wakefield, Mass., Nov. 1926, No. 97.....	1,000.00		
2 Baltimore & Ohio R.R., S. W. Div., \$500 each, June 1, 1925, Nos. D3976-7825.....	1,000.00		
7 Melrose Sewer, July 1, 1937, Nos. 371 to 377....	7,000.00	55,200.00	63,314.63
			63,738.81

Payments in 1915

Interest, accrued on bonds bought.....	\$210.84	
Expense, part rental Safe Deposit box.....	\$25.00	
Part Cash Book.....	.20	25.20
Bonds bought:		
Hornblower & Weeks, part (2500) Schenectady, N.Y., registered 5%, Jan. 1, 1916, No. 6, at 100.68 plus 1-16.....	1,007.43	
Water Fund, 1-2 Melrose School, Feb. 24, 1916, No. 30	500.00	
Curtis & Sanger, part (3000) Brookline, registered 3½% Jan. 1, 1916, No. T53 at 99.45.....	1,989.00	
Curtis & Sanger, 1 Melrose School, Feb. 24, 1916, No. 151.....	1,000.00	
Melrose Savings Bank, 8 Melrose School, Feb. 24, 1916, Nos. 152-153-161 to 166.....	8,000.00	
Worcester North Savings, 1-2 Melrose School, Feb. 24, 1916, No. 28.....	500.00	
R. L. Day & Co., 3-10 Melrose School, Feb. 24, 1916, No. 29.....	300.00	
R. L. Day & Co., 1-2 Melrose School, Feb. 24, 1916, No. 30.....	500.00	
Sewer Fund, 7-10 Melrose School, Feb. 24, 1916, No. 29.....	700.00	
Sewer Fund, part Schenectady registered 5%, Jan. 1, 1916 (2500), No. 6.....	500.00	
Water Fund, part Brookline registered 3½%, Jan. 1, 1916 (3000) No. T53.....	500.00	
Sewer Fund, part Brookline registered 3½%, Jan. 1, 1916, (3000), No. T53.....	500.00	
Water Fund, 6 Melrose School, Feb. 24, 1916, Nos. 26-27-35-36-94-105.....	6,000.00	
Water Fund, 3 Dakota & Gt. Sou. R.R., 5%, Jan. 1, 1916, Nos. 136-386-387.....	3,000.00	
Water Fund, note City of Melrose, Sept. 12, 1915....	400.00	
Water Fund, part Schenectady registered 5%, Jan. 1, 1916 (2500), No. 6.....	500.00	
Water Fund, note City of Melrose, Dec. 26, 1915....	1,000.00	
Water Fund, 1 Chicago, 4%, Jan. 1, 1916, No. 641....	1,000.00	
Water Fund, note City of Melrose, Aug. 20, 1917....	400.00	

Sewer Fund, 11 Melrose School, Feb. 24, 1916, Nos. 28-31- to 34-37-76-77-96-121-142.....	11,000.00	
Surface Drg. Fund., 6 Melrose School, Feb. 24, 1916, Nos. 9-122 to 124-140-144.....	6,000.00	
Melrose Savings Bank, 3 Melrose School, Feb. 24, 1916, Nos. 86 to 88.....	3,000.00	
Melrose Natl. Bank, part (7000) Certificate of Deposit, Sept. 15, 1915, 3%.....	2,400.00	
Melrose Natl. Bank, part (2500) Certificate of Deposit, Nov. 1, 1915, 3%.....	550.00	
Melrose Natl. Bank, part (11,000) Certificate of Deposit, Dec. 6th, 1915, 3%.....	4,100.00	
Sewer Fund, 7 Melrose School, Feb. 24, 1916, Nos. 82 to 85-111 to 115.....	7,000.00	62,348.43
Coupons credited to wrong account.....	60.00	62,642.47
Balance Dec. 31, 1915, Cash in Melrose Natl. Bank.....		\$1,096.34

IN ACCOUNT WITH SEWER LOAN SINKING FUND

Dr.

Cash in Fund Jan. 1, 1915.....	\$2,497.38
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Receipts in 1915

Coupons.....	\$8,812.50	
Interest		
On Notes and bonds.....	\$1,044.75	
Melrose Natl. Bank, on deposits.....	17.42	
Accrued on bonds sold.....	111.32	1,173.49
City of Melrose, sewer assessments collected.....	2,267.36	
Bonds Matured and Sold:		
Matured,		
1 West End St. Ry., 4%, Aug. 1, 1915, No. B52....	5,000.00	
1 West End St. Ry., 4%, Aug. 1, 1915, No. A125..	1,000.00	
Note City of Melrose, Aug. 20, 1915.....	500.00	
Note City of Melrose, Sept. 10, 1915.....	1,500.00	
Note City of Melrose, Sept. 10, 1915.....	500.00	
Note City of Melrose, Sept. 12, 1915.....	822.00	
Sold to other Funds,		
7-10 Melrose School, 4%, Feb. 24, 1916, No. 29....	700.00	
Part Schenectady (2,500), 5%, Jan. 1, 1916, No. 6..	500.00	
Part Brookline (3,000), 3½%, Jan. 1, 1916.....	500.00	
11 Melrose School, 4%, Feb. 24, 1916, Nos. 28-31 to 34-37-76-77-96-121-142.....	11,000.00	
7 Melrose School, 4%, Feb. 24, 1916, Nos. 84-85-111 to 115.....	7,000.00	29,022.01
		41,275.35
		\$43,772.73

W. R. LAVENDER,
Treasurer

Cr.

Payments in 1915

Interest, accrued on bonds bought.....		\$342.85	
Expenses,			
Part rental Safe Deposit Box.....	25.00		
Part Cost Cash Book.....	.20	25.20	
Bonds and Notes Bought:			
Hornblower & Weeks, 1 Schenectady, registered 5%, Jan. 1, 1916, No. 5, at 100.68, plus 1-16.....	2,518.57		
R. L. Day & Co., 1 Dakota & Great South. R.R., 5%, No. 1451, at 100.50.....	1,005.00		
Hornblower & Weeks, part Schenectady registered 5% (2500), Jan. 1, 1916, No. 6 at 100.68 plus 1-16..	503.71		
Curtis & Sanger (500) part Brookline, registered 3½ (2,500), Jan. 1, 1916, No. T53 at 99.45.....	497.25		
Worcester North Savings Inst., 1-2 Melrose School, 4%, Feb. 24, 1916, No. 28.....	500.00		
R. L. Day & Co., 3-10 Melrose School, 4%, Feb. 24, 1916, No. 29.....	300.00		
Water Fund, 4-10 Melrose School, 4%, Feb. 24, 1916, No. 29.....	400.00		
School Fund, 1-2 Melrose School, 4%, Feb. 24, 1916, No. 28.....	500.00		
School Fund, 1 Boston Elevated R.R., 4% May 1, 1935, No. 21.....	500.00		
R.L. Day & Co., 1 Melrose School, 4%, Feb. 24, 1916, No. 37.....	1,000.00		
R. L. Day & Co., 6-10 Melrose School, 4%, Feb. 24, 1916, No. 34.....	600.00		
Surface Drainage Fund, 4-10 Melrose School, 4%, Feb. 24, 1916, No. 34.....	400.00		
R. L. Day & Co., 3 Melrose School, 4%, Feb. 24, 1916, Nos. 31 to 33.....	3,000.00		
School Fund, 7 Melrose Sewer, 4%, June 1, 1924, Nos. 1-76-81 to 85.....	7,000.00		
School Fund, 4 Melrose Sewer, 4%, June 1, 1925, Nos. 155 to 157-160.....	4,000.00		
Melrose Savings Bank, 7 Melrose School, 4%, Feb. 24, 1916, Nos. 84-85-111 to 115.....	7,000.00		
Melrose Natl. Bank, part (7,000) Certificate of De- posit, Sept. 15, 1915, 3%.....	3,100.00		
Melrose Natl. Bank, part (2,500) Certificate of Deposit, Nov. 1, 1915, 3%.....	1,700.00		
Melrose Natl. Bank, part (11,000) Certificate of Deposit, Dec. 6, 1915, 3%.....	1,800.00		
School Fund, 7 Melrose Sewer, 4%, July 1, 1937, Nos. 371 to 377.....	7,000.00	43,324.53	43,692.58
Cash in Melrose Natl. Bank Dec. 31, 1915.....			\$80.15

W. R. LAVENDER,
Treasurer

IN ACCOUNT WITH SURFACE DRAINAGE LOAN SINKING FUND

Dr.

Cash on hand January 1, 1915..... \$335.16

Receipts in 1915

Coupons.....		\$1,705.00	
Interest,			
On Notes and Bonds.....			252.02
Melrose Natl. Bank, on deposits.....	\$8.55		
Accrued on bonds sold.....	1.82	10.37	
Bonds Matured and Sold:			
Matured,			
1 Boston & Lowell R.R., Mar. 1, 1915, No. 363....	1,000.00		
1 Fitchburg R.R., Mar. 1, 1915, No. A9230.....	1,000.00		
6 Minneapolis, Dec. 1, 1915, Nos. 2108 to 2113....	6,000.00		
Sold to other Funds:			
4-10 Melrose School, Feb. 24, 1916, No. 34.....	400.00		
6 Melrose School, Feb. 24, 1916, Nos. 122 to 124-140-144.....	6,000.00	14,400.00	16,367.39
			\$16,702.55

Payments in 1915

Interest, accrued on Bonds bought.....	\$73.76		
Expenses,			
Part cost cash book.....	\$.15		
Part cost Safe Deposit Box.....	10.00	10.15	
Bonds bought,			
Hornblower & Weeks, part Schenectady (2500) registered 5%, Jan. 1, 1916, at 100.68, plus 1-16....	503.71		
Melrose Savings Bank, 2 Melrose School, Feb. 25, 1916, Nos. 140-141.....	2,000.00		
School Fund, part City of Melrose note (1,000), Dec. 26, 1916.....	300.00		
R. L. Day & Co., 4-10 Melrose School, Feb. 24, 1916, No. 34.....	400.00		
School Fund, 4 Wakefield, Mass., 3½%, Nov. 1, 1925, Nos. 91 to 94.....	4,000.00		
School Fund, 1 Wakefield, Mass., 3½%, Nov. 1, 1926, No. 97.....	1,000.00		
School Fund, 2 Baltimore & Ohio R.R., S.W. Div., each 500, registered, 3½%, No. D3976-7825.....	1,000.00		
Melrose Natl. Bank, part Certificate of Deposit (7,000), 3%, Sept. 15, 1915.....	900.00		
Melrose Natl. Bank, part Certificate of Deposit (2500) 3%, Nov. 1, 1915.....	50.00		
Melrose Natl. Bank, part Certificate of Deposit (11,000), 3%, Dec. 6, 1915.....	5,100.00	15,253.71	15,337.62
Balance Dec. 31, 1915, Cash in Melrose Natl. Bank....			\$1,364.93

W. R. LAVENDER,

Treasurer

Report of Cemetery Committee

To the Honorable Mayor and Board of Aldermen.

Gentlemen:—The Cemetery Committee respectfully submit their report of the receipts and expenditures for the Cemetery Department during the year ending Dec. 31, 1915.

Receipts

Dressing	\$81.00	
Foundations	206.75	
Graves, single	324.00	
Interments	673.00	
Labor, grading lots., etc.	187.00	
Lots, care of	2,028.63	
Lots, care of, perpetual trust	1,407.90	
Lots, sale of	2,772.75	
Sundries	26.00	
Vaults, Slate	525.00	\$8,232.03

Expended

Salary of Clerk	\$49.80
Salary of Committee	70.80
Salary of Superintendent	1,300.00
Bond of Superintendent	3.00
Leavitt, M.D., clerical services	33.60
Pay Rolls, employees and teaming	4,645.93
Bicycle	25.00
Cement	38.88
Dressing	96.00
Engineering, survey lots and blue prints	32.31
Freight and Teaming	64.76
Fuel	16.00
Labor on tomb	54.25
Markers and signs	71.60
Miscellaneous	58.05
Plants, seeds and shrubs	103.89
Postage, printing and stationery	58.62
Sand and lime	10.70
Sewer pipes and fitting	188.28
Sharpening tools	35.10
Spraying trees	20.00
Telephones	40.39

Tools	54.88	
Use of teams, hauling filling	369.70	
Vaults, Slate	192.72	
Water system repairs	62.70	\$7,696.96
Receipts exceed expenditures		\$535.07

Respectfully submitted
WILLIS C. GOSS
L. HENRY KUNHARDT
J. T. FOSTER

Report of the City Auditor of the City of Melrose

To His Honor, the Mayor and the Board of Aldermen:—

*Gentlemen:—*I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of January, 1915, and ending of the financial year on the thirty-first day of December, 1915, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds are payable, together with a schedule of the City property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the public library, and find proper vouchers for, and bank books showing balances as reported by them on pages 94 to 95 of their report.

Respectfully submitted,

EDWIN C. GOULD,
City Auditor

City of Melrose, Auditor's Office.

CITY OF MELROSE

FINANCES

The assessed valuation of the City, April 1, 1915, was:

Real Estate.....	\$16,317,600.00
Personal Estate including resident bank stock.....	2,623,780.00
Total Valuation.....	\$18,941,380.00
Increase in valuation from April 1, 1914 to April 1, 1915	374,050.00

Number of dwelling houses April 1, 1915.....	3748
Number of assessed polls.....	4850
Population.....	17,088

Rate of Taxation per \$1,000 April 1, 1915, \$23.70 was divided as follows viz:

City Tax.....	\$13.22
County Tax.....	.84
State Tax.....	1.85
Metropolitan Park Tax.....	.57
Metropolitan Sewer Tax.....	.91
Charles River Basin Tax.....	.09
Deficit—1914.....	.96
Interest, Loans and Sinking Funds.....	4.78
Overlay.....	.48
	\$23.70

BONDED DEBT, DEC. 31, 1915.

Total outstanding bonds Dec. 31, 1914....	\$1,037,500.00
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Increase:

Sewer Bonds.....	\$10,000.00	
Surface Drainage Bonds.....	15,000.00	
Water Bonds.....	5,000.00	30,000.00
		\$1,067,500.00

Decrease:

Auditorium Bonds.....	\$3,000.00	
Park Bonds.....	2,500.00	
Sewer Bonds.....	1,000.00	
Surface Drainage Bonds.....	500.00	
Water Bonds.....	8,500.00	\$15,500.00

Total outstanding bonds Dec. 31, 1915.....	\$1,052,000.00
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Increase \$14,500.00

MUNICIPAL AND PERMANENT NOTES

Total outstanding Dec. 31, 1914.....		\$129,772.00
<i>Increase:</i>		
Municipal Notes 1 year.....	\$6,800.00	
Permanent Notes over 1 year.....	16,300.00	
Trust Fund Notes, over 1 year.....	3,000.00	
Trust Fund Notes 1 year.....	3,350.00	29,450.00
		\$159,222.00
<i>Decrease:</i>		
Municipal Notes 1 year.....	\$9,000.00	
Permanent Notes over 1 year.....	22,172.00	
Trust Fund Notes over 1 year.....	3,000.00	
Trust Fund Notes 1 year.....	3,300.00	37,472.00
Total outstanding Dec. 31, 1915.....		\$121,750.00
Decrease \$8,022.00		

CITY OF MELROSE, MUNICIPAL DEBT, DEC. 31, 1915

Municipal Debt Notes

Due in 1916.....	\$10,150.00
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Permanent Debt Notes

Due in 1916.....	\$23,850.00	
" 1917.....	22,650.00	
" 1918.....	17,350.00	
" 1919.....	12,050.00	
" 1920.....	8,550.00	
" 1921.....	5,050.00	
" 1922.....	5,050.00	
" 1923.....	5,050.00	
" 1924.....	2,000.00	
" 1925.....	2,000.00	
" 1926.....	2,000.00	
" 1927.....	2,000.00	
" 1928.....	2,000.00	
" 1929.....	2,000.00	\$111,600.00
		\$121,750.00

BONDED DEBT DEC. 31, 1915

Auditorium Bonds

Melrose Auditorium Loan, dated July 1, 1911, due 1916 at 4%.....	\$3,000.00	
\$2,000 due each year, 1917 to 1931, inclusive at 4%.....	30,000.00	\$33,000.00

Park Bonds

Melrose Park Loan, 1911 \$1,000 due each year 1916 to 1921, inclusive at 4½%.....	\$6,000.00	
Melrose Park Loan, 1912, due Dec. 1, 1916 to 1921, \$1,000 each year.....	6,000.00	\$12,000.00

School House Bonds

Melrose School House Loan, due Feb. 24, 1916 at 4%.....	\$200,000.00	
Due March 1, 1929 at 3½%.....	78,000.00	\$278,000.00

Sewer Bonds

Melrose Sewer Loan:

Due May 1, 1916 to 1932, Serial at 4%, \$500 each year.....	\$9,500.00	
Due Sept. 1, 1916 to 1933, Serial at 4%, \$500 each year.....	9,000.00	
Due May 1, 1916 to 1935, Serial at 4%, \$500 each year.....	10,000.00	
Due June 1, 1917 at 4%.....	50,000.00	
June 1, 1924 at 4%.....	100,000.00	
June 1, 1925 at 4%.....	100,000.00	
July 1, 1926 at 4%.....	50,000.00	
July 1, 1935 at 4%.....	10,000.00	
June 1, 1937 at 4%.....	10,000.00	
July 1, 1937 at 4%.....	10,000.00	
July 1, 1938 at 4%.....	10,000.00	
June 1, 1939 at 3½%.....	10,000.00	
Apr. 1, 1940 at 4%.....	10,000.00	
May 1, 1941 at 4%.....	5,000.00	
Nov. 1, 1941 at 4%.....	5,000.00	
July 1, 1942 at 4%.....	10,000.00	\$408,500.00

Surface Drainage Bonds

Melrose Surface Drainage Loans:

Due Apr. 1, 1916 to 1935, Serial at 4%		
\$500 each year.....	\$10,000.00	
Due May 1, 1916 to 1934, Serial at 4%		
\$500 each year.....	9,500.00	
Due Nov. 1, 1916 to 1925, Serial at 4%		
\$500 each year.....	5,000.00	
Due May 1, 1916 at 4%.....	5,000.00	
Nov. 1, 1916 at 4%.....	5,000.00	
July 1, 1917 at 4%.....	5,000.00	
Nov. 1, 1919 at 4%.....	5,000.00	
July 1, 1920 at 4%.....	5,000.00	
Sept. 1, 1923 at 4%.....	10,000.00	
July 15, 1932 at 4%.....	100,000.00	\$159,500.00

Water Bonds

Melrose Water Loans:

Due May 1, 1916 at 4%.....	\$1,000.00	
May 1, 1916 to 1920, Serial at 4%, \$1,000 each year.....	5,000.00	
May 1, 1916 to 1920, Serial at 4%, \$1,000 each year.....	5,000.00	
May 1, 1916 to 1924, Serial at 4%, \$1,000 each year.....	9,000.00	
June 1, 1916 to 1932, Serial at 3½%, \$2,000 each year.....	33,000.00	
July 1, 1916 to 1922, Serial at 4%, \$1,000 each year.....	7,000.00	
Sept. 1, 1916 to 1920, Serial at 4%, \$1,000 each year.....	8,000.00	
Nov. 1, 1916, Serial at 4%, \$1,000 each year.....	1,000.00	
Dec. 1, 1916 to 1923, Serial at 4%, \$500 each year.....	4,000.00	
Mar. 1, 1918 at 4%.....	35,000.00	
Aug. 1, 1922, at 4%.....	10,000.00	
Feb. 1, 1923 at 4%.....	5,000.00	
July 1, 1925 at 4%.....	38,000.00	\$161,000.00

Total bonded debt.....	\$1,052,000.00
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Sinking Funds

School House Loan.....	\$206,046.34	
Sewer Loan.....	247,880.15	
Surface Drainage Loan.....	45,914.93	
Water Loan.....	71,124.21	\$570,965.63
Net bonded Debt.....		\$481,034.37

Recapitulation of City Debt

Municipal and Permanent Notes.....	\$121,750.00	
Net Bonded Debt.....	481,034.37	\$602,784.37

Debt Statement

Total Debt Dec. 31, 1914.....	\$620,936.22	
Decrease.....	18,151.85	\$602,784.37
Decrease in Notes.....	\$37,472.00	
Decrease in Bonds.....	15,500.00	
Increase in Sinking Funds.....	24,629.85	\$77,601.85
Increase in Notes.....	\$29,450.00	
Increase in Bonds.....	30,000.00	59,450.00
Total decrease.....		\$18,151.85

CASH ACCOUNT FOR 1915

Cash on hand Dec. 31, 1914.....		\$16,686.04
Receipts, January.....	\$84,867.67	
February.....	41,809.64	
March.....	74,729.92	
April.....	76,777.42	
May.....	77,909.26	
June.....	88,068.80	
July.....	75,319.66	
August.....	26,581.54	
September.....	95,468.11	
October.....	196,695.99	
November.....	119,077.69	
December.....	71,966.76	1,029,272.46
		\$1,045,958.50

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Payments: January.....	\$34,168.49	
February.....	45,898.77	
March.....	79,112.70	
April.....	99,497.03	
May.....	46,545.37	
June.....	124,596.16	
July.....	68,124.51	
August.....	31,589.30	
September.....	50,151.46	
October.....	104,201.25	
November.....	246,228.71	
December.....	96,468.16	1,026,581.91
Cash on hand Dec. 31, 1915.....		\$19,376.59

ESTIMATED RECEIPTS

Receipts

Appropriation.....	\$18,154.73
Transfers from Sundry Accounts.....	43,778.14

Expended

Overdraft of 1914.....	\$18,154.73	
Budget Appropriations.....	40,424.80	
Balance to Excess and Deficiency.....	3,353.34	
	\$61,932.87	\$61,932.87

EXCESS AND DEFICIENCY

Receipts

Balance from 1914.....	\$7,938.58
Transfer from sundry accounts.....	6,992.67

Expended

Transfers to sundry accounts, Aldermanic Orders.....	\$8,216.11	
Balance to 1916.....	6,715.14	
	\$14,931.25	\$14,931.25

LEDGER BALANCES DEC. 31, 1915

Reveune

Cash.....	\$1,421.37	
Taxes Uncollected, 1909.....	2.00	
" " 1910.....	5.80	
" Overpaid, 1911.....		\$48.15
" " 1912.....		177.00
" Uncollected, 1913.....	1,660.92	
" " 1914.....	53,467.35	
" " 1915.....	186,941.23	
Street Sprinkling Assessments.....	6,917.76	
Moth Assessments.....	571.15	
Sewer Assessments.....	5,896.31	
Apportioned Sewer Assessments.....	9,860.79	
Sidewalk Assessments.....	2,829.87	
Apportioned Sidewalk Assessments.....	3,283.23	
Street Betterment Assessment.....	2,221.39	
Apportioned Street Betterment Assessments	5,562.72	
Water Rates Uncollected.....	7,007.09	
Tax Titles.....	134.43	
Tax Takings.....	11,903.56	
Real Estate taken by City.....	4,704.07	
Sewer Assessments taken by City.....	415.78	
Commonwealth of Massachusetts.....	3,276.00	
Revenue, 1912.....		263.12
Revenue, 1913.....		4,860.34
Revenue, 1914.....		2,132.33
Revenue, 1915.....		1,851.81
Unpledged Revenue.....		2,291.34
Moth Assessments Unpledged.....		582.34
Street Betterment Assessments, Unpledged		2,133.07
Sidewalk Assessments Pledged.....		4,495.52
Street Sprinkling Assessments, Pledged.....		6,607.19
Sewer Assessments Unpledged.....		5,798.42
Water Revenue.....		7,007.09
Water Income.....		9,083.58
Revenue Pledged when Collected 1912 and prior.....		1,028.85
Excess and Deficiency.....		6,715.14
Overlays for Abatements 1913 and prior....		5,392.56
Overlays for Abatements 1914.....		1,068.85
Overlays for Abatements 1915.....		4,841.85
Apportioned Sewer assessments, Balancing Account.....		9,893.13

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Apportioned Sidewalk Assessments, Balancing Account.....	3,881.65
Apportioned Street Betterment Assessments, Balancing Account.....	5,562.72
Temporary Loans Taxes 1915.....	218,700.00
Temporary Loans for Current Expenses 1915.....	1,500.00

GENERAL GOVERNMENT

Treasurer—Other Expenses.....	\$.63	
Treasurer—Certification of Bonds and Notes.....		\$13.75
City Planning Board.....		300.00
Public Works—Other Expenses.....		7.65
Public Works—Survey of Southeast Section.....		300.00
Public Works—Purchase of Rubbish Barrels.....		14.63
Police Dept., Ambulance Fund.....		13.96
Fire Dept., Purchase of Solid Rubber Tires.....		130.00
Sanitation, Sewer Div., Maintenance.....	.50	
Sanitation, Surface Drainage Maintenance.....	4.17	
Highways, Individual Walks.....		559.47
Highways, Street Sprinkling.....	3,900.09	
Charities, Outside Relief by City.....	9.70	
Charities, E. Toothaker Fund.....		1,429.93
Soldiers' Benefits—Military Aid.....		123.50
School Dept., Receipts for Tuition.....		64.47
School Dept., Fire Escapes and Exits.....		600.00
Park Dept., General Administration, Other Expenses.....		67.64
Park Dept., Horace Mann Park.....		465.00
Water Dept., Maintenance.....		3,312.62
Interest.....	1,070.07	
Municipal Indebtedness.....	1,551.93	
Sinking Funds Appropriation.....		1,201.24
Guarantee Deposit.....		100.00
	\$314,619.91	\$314,619.91

NON-REVENUE

Cash.....	\$17,955.22	
Loans Authorized.....	7,300.00	
Fire Dept:		
Purchase of Auto Hook and Ladder Truck.....		\$5,000.00
Sewer Division:		
Private Sewers.....		127.43
Construction.....		5,468.49
Surface Drainage Construction.....		1,673.06

Highways:

Continuous Walks.....	2,091.72
Crosswalks and Gutters.....	123.03
West Foster Street.....	.98
Main Street.....	.20
Church St., Mountain Ave. and Hancock St.....	37.14
Spear St.....	2.03
Dyer Ave.	48.30
Pine St.....	5.93
First St.....	207.25
Lynde Ave.....	2,300.00

School Dept.

High School Walks and Grading.....	75.39
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Park Dept.:

Acquiring and Grading Land.....	375.75
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Water Division:

Construction.....	1,175.38
Tailing Account.....	186.36
Cemetery Trust Funds uninvested.....	3,297.50
Revenue Fund Account.....	2,845.88
Sewer Loan Premium Fund.....	8.90
Surface Drainage Loan Premium Fund.....	162.00
Municipal Loan Premium Fund.....	42.50

\$25,255.22

\$25,255.22

Indebtedness

Sewer Loan Sinking Funds.....	\$247,880.15	
Surface Drainage Loan Sinking Funds.....	45,914.93	
School Loan Sinking Funds.....	206,046.34	
Water Loan Sinking Funds.....	70,821.21	
Net Bonded Debt Balancing Account.....	601,587.37	
Municipal Loans.....		\$92,250.00
Auditorium Loan Bonds.....		\$33,000.00
Park Loan Bonds.....		12,000.00
School Loan Bonds.....		278,000.00
Sewer Loan Bonds.....		408,500.00
Surface Drainage Loan Bonds.....		159,500.00
Water Loan Bonds.....		161,000.00
Refunding Trust Funds Loan.....		28,000.00

\$1,172,250.00

\$1,172,250.00

Trust Funds

Trust Funds Account.....	\$37,647.50	
Cemetery, Perpetual Care Funds.....		\$37,647.50
	\$37,647.50	\$37,647.50

RECAPITULATION

Revenue	\$314,619.91	\$314,619.91
Non Revenue.....	25,255.22	25,255.22
Indebtedness.....	1,172,250.00	1,172,250.00
Trust Funds.....	37,647.50	37,647.50
	\$1,549,772.63	\$1,549,772.63

ASSETS AND LIABILITIES

Assets

To amount invested in land, buildings, parks and other property	\$1,037,258.85
To amounts invested in Sinking Funds.....	570,965.63
To amounts invested in Sewer System.....	474,463.02
To amounts invested in Surface Drainage System.....	187,552.43
To amount invested in Water System.....	465,029.62

Liabilities

Municipal Indebtedness:

Bonds	\$1,052,000.00	
Notes.....	121,750.00	
Trust Funds.....	39,077.43	
		\$1,212,827.43
Assets exceed Liabilities.....		1,522,442.12
	\$2,735,269.55	\$2,735,269.55

REVENUE

Taxes of 1909—Balance Dec. 31, 1914		\$2.00
Taxes of 1910—Balance Dec. 31, 1914		5.80
Taxes of 1910—Balance Dec. 31, 1914, Over- paid		48.15
Taxes of 1912—Balance Dec. 31, 1914		2,469.17
Collected in 1915	\$1,951.30	
Abated in 1915.....	148.15	
Takings in 1915.....	103.02	
Real Estate Possessions.....	443.70	
Cash overpaid.....		177.00
	\$2,646.17	\$2,646.17

Taxes of 1913—Balance Dec. 31, 1914		\$48,303.18
Collected in 1915	\$38,456.20	
Abated in 1915	1,543.90	
Takings in 1915	6,138.28	
Real Estate Possessions	503.88	46,642.26
Balance uncollected Dec. 31, 1915		\$1,660.92
Taxes of 1914—Balance Dec. 31, 1914		\$172,679.35
Additional		138.88
		\$172,818.23
Collected in 1915	\$116,870.85	
Abated in 1915	2,480.03	119,350.88
Balance uncollected Dec. 31, 1915		\$53,467.35
Taxes 1915—Warrant		\$458,610.71
Additional		1,851.81
		\$460,462.52
Collected in 1915	\$269,126.28	
Abated in 1915	4,395.00	273,521.28
Balance uncollected Dec. 31, 1915		\$186,941.24

STREET SPRINKLING ASSESSMENTS

1910 Balance Dec. 31, 1914		\$101.70
1911 Balance Dec. 31, 1914		2.98
1912 Balance Dec. 31, 1914		\$474.34
Collected in 1915	\$49.54	
Takings in 1915	5.00	54.54
Balance Dec. 31, 1915		\$419.80
1913 Balance Dec. 31, 1914		\$1,288.54
Collected in 1915	\$1,019.68	
Takings in 1915	218.71	1,238.39
Balance Dec. 31, 1915		\$50.15
1914 Balance Dec. 31, 1914		\$4,439.37
Collected in 1915	\$2,940.94	2,940.94
Balance Dec. 31, 1915		1,498.43

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1915—Warrant.....		\$10,654.05
Collected in 1915.....	\$5,809.35	5,809.35
Balance Dec. 31, 1915.....		\$4,844.70

MOTH ASSESSMENTS

1911—Balance Dec. 31, 1914.....		\$1.50
1912—Balance Dec. 31, 1914.....		\$5.76
Collected in 1915.....	\$2.45	
Abated in 1915.....	4.90	
Balance overpaid Dec. 31, 1915.....		1.59
	\$7.35	\$7.35
1913—Balance Dec. 31, 1914.....		\$168.60
Collected in 1915.....	\$123.30	
Abated in 1915.....	3.30	
Takings in 1915.....	12.60	139.20
Balance Dec. 31, 1915.....		29.40
1914—Balance Dec. 31, 1914.....		\$73.90
Collected in 1915.....		59.90
Balance Dec. 31, 1915.....		\$14.00
1915—Warrant.....		\$992.94
Collected in 1915.....		465.10
Balance December 31st, 1915.....		527.84

SEWER ASSESSMENTS

1908—Balance Dec. 31, 1914.....		\$19.04
1910—Balance Dec. 31, 1914.....		45.09
1911—Balance Dec. 31, 1914.....		37.61
1912—Balance Dec. 31, 1914, Overpaid....		\$34.08
Collected in 1915.....		20.70
Balance overpaid Dec. 31, 1915.....		\$54.78
1913—Balance Dec. 31, 1914.....		\$493.64
Collected in 1915.....		153.15
Balance Dec. 31, 1915.....		\$340.49

1914—Balance Dec. 31, 1914.....		\$5,722.42
Collected in 1915.....	\$538.95	
Apportioned in 1915.....	1,918.03	2,456.98
Balance Dec. 31, 1915.....		\$3,265.44
1915—Balance Dec. 31, 1914.....		\$1,548.75
Warrants.....		6,339.56
Apportioned Assessments.....		257.60
		\$8,145.91
Collected in 1915.....	\$1,910.41	
Apportioned in 1915.....	3,992.08	5,902.49
Balance Dec. 31, 1915.....		\$2,243.42
	Apportioned	
1916—Balance Dec. 31, 1914.....		\$1,032.93
Assessments 1915.....		676.38
		\$1,709.31
Collected 1915.....		53.22
Balance Dec. 31, 1915.....		\$1,656.09
1917—Balance Dec. 31, 1914.....		\$839.06
Assessments 1915.....		676.40
		1,515.46
Collected 1915.....		49.86
Balance Dec. 31, 1915.....		\$1,465.60
1918—Balance Dec. 31, 1914.....		\$788.46
Assessments 1915.....		628.65
		\$1,417.11
Collected in 1915.....		49.86
Balance Dec. 13, 1915.....		\$1,367.25
1919—Balance Dec. 31, 1914.....		\$788.33
Assessments 1915.....		601.32
		\$1,389.65
Collected in 1915.....		32.93
Balance Dec. 31, 1915.....		\$1,356.72

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1920—Balance Dec. 31, 1914.....	\$407.41
Assessments 1915.....	601.34
Collected in 1915.....	\$1,008.75
	18.83
Balance Dec. 31, 1915.....	\$989.92
1921—Balance Dec. 31, 1914—.....	\$263.42
Assessments 1915.....	551.34
Collected in 1915.....	\$814.76
	8.42
Balance Dec. 31, 1915.....	\$806.34
1922—Balance Dec. 31, 1914.....	\$165.36
Assessments 1915.....	527.14
Collected in 1915.....	\$692.50
	8.42
Balance Dec. 31, 1915.....	\$684.08
1923—Balance Dec. 31, 1914.....	\$157.40
Assessments 1915.....	527.11
Collected in 1915.....	\$684.51
	8.42
Balance Dec. 31st, 1915.....	\$676.09
1924—Assessments 1915.....	\$527.10
Collected 1915.....	4.13
Balance Dec. 31, 1915.....	\$522.97
1925—Assessments 1915.....	\$335.73

SIDEWALK ASSESSMENTS

1910—Balance Dec. 31, 1914.....	\$4.91
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1911—Balance Dec. 31, 1914.....		\$11.94
Collected 1915.....		11.60
Balance Dec. 31, 1915.....		\$.34
1912—Balance Dec. 31, 1914.....		\$102.04
Collected 1915.....		15.64
Balance Dec. 31, 1915——.....		\$86.40
1913—Balance Dec. 31, 1914.....		\$672.38
Collected 1915.....		512.17
Balance Dec. 31, 1915.....		\$160.21
1914—Balance Dec. 31, 1914.....		\$2,669.39
Additional 1915.....		14.44
		\$2,683.83
Collected in 1915.....	\$1,660.68	
Apportioned 1915.....	166.24	1,826.92
Balance Dec. 31, 1915.....		\$856.91
1915 Balance Dec. 31, 1914.....		\$1,412.59
Warrants.....		5,417.92
Additional 1915.....		528.57
		\$7,359.08
Apportioned 1915.....	\$2,751.14	
Collected.....	2,886.84	5,637.98
Balance Dec. 31, 1915.....		\$1,721.10

Apportioned

1916—Balance Dec. 31, 1914—.....		\$909.73
Additional 1915.....		737.50
		\$1,647.23
Collected 1915.....		62.41
Balance Dec. 31, 1915.....		\$1,584.82

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1917—Balance Dec. 31, 1914.....	\$83.16	
Assessments 1915.....	684.65	
	\$767.81	
Collected 1915.....	10.81	
Balance Dec. 31, 1915.....	\$757.00	
1918—Assessments 1915.....	\$192.05	
Collected 1915.....	\$10.81	
Balance Dec. 31, 1915.....	\$181.24	
1919—Assessments 1915.....	\$181.24	
1920—Assessments 1915.....	175.00	
1921—Assessments 1915.....	88.87	
1922—Assessments 1915.....	78.78	
1923—Assessments 1915.....	78.78	
1924—Assessments 1915.....	78.78	
1925—Assessments 1915.....	78.72	

STREET BETTERMENT ASSESSMENTS

1912—Balance Dec. 31, 1914.....		\$88.32
1913—Balance Dec. 31, 1914.....		\$30.42
Collected 1915.....		22.68
Balance Dec. 31, 1915.....		\$7.74
1914—Balance Dec. 31, 1914.....		\$554.68
Apportioned 1915.....	\$142.88	
Collected 1915.....	301.52	444.40
Balance Dec. 31, 1915.....		\$110.28
1915—Balance Dec. 31, 1914.....		\$431.84
Warrants.....		6,076.49
Additional.....		265.40
		\$6,773.73
Apportioned 1915.....	\$4,331.46	
Collected 1915.....	427.22	4,758.68
Balance Dec. 31, 1915.....		\$2,015.05

Apportioned

1916—Balance Dec. 31, 1914.....	\$375.66
Additional 1915.....	527.44
Collected 1915.....	\$903.10
	9.30
Balance Dec. 31, 1915.....	\$893.80
1917—Balance Dec. 31, 1914.....	\$262.20
Additional 1915.....	527.44
Collected 1915.....	\$789.64
	9.30
Balance Dec. 31, 1915.....	\$780.34
1918—Balance Dec. 31, 1914.....	\$203.74
Additional 1915.....	527.44
Collected 1915.....	\$731.18
	9.30
Balance Dec. 31, 1915.....	\$721.88
1919—Balance Dec. 31, 1914.....	\$185.93
Additional 1915.....	527.41
Collected in 1915.....	\$713.34
	9.30
Balance Dec. 31, 1915.....	\$704.04
1920—Balance Dec. 31, 1914.....	\$146.50
Additional 1915.....	481.61
Collected in 1915.....	628.11
	9.30
Balance Dec. 31st, 1915	\$618.81
1921—Balance Dec. 31, 1914.....	\$146.85
Additional 1915.....	384.08
Collected in 1915.....	\$530.93
	9.37
Balance Dec. 31st, 1915	\$521.56

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1922—Balance Dec. 31, 1914.....	\$29.55	
Additional 1915.....	384.08	
Balance Dec. 31, 1915.....	\$413.63	
1923—Balance Dec. 31, 1914.....	\$ 29.55	
Additional 1915.....	384.04	
Balance Dec. 31, 1915.....	\$413.59	
1924—Balance Dec. 31, 1914.....	\$29.67	
Additional 1915.....	339.34	
Balance Dec. 31, 1915.....	\$369.01	
1925—Assessments 1915.....	\$126.06	

WATER RATES

1911 and prior—Balance Dec. 31, 1914.....		\$1,070.95	
Collected in 1915.....		1.21	
Balance Dec. 31, 1915.....		\$1,069.74	
1912—Balance Dec. 31, 1914.....		\$241.77	
Collected in 1915.....		9.00	
Balance Dec. 31, 1915.....		\$232.77	
1913—Balance Dec. 31, 1914.....		\$23.64	
Collected in 1915.....	\$194.22		
Balance Dec. 31, 1915, Overpaid.....		170.58	
	\$194.22	\$194.22	
1914—Balance Dec. 31, 1914.....		\$6,564.41	
Collected in 1915.....	\$7,195.02		
Balance Dec. 31, 1915, Overpaid.....		630.61	
	\$7,195.02	\$7,195.02	
1915 Assessments 1915.....		\$47,408.20	
Collected in 1915.....		40,902.43	
Balance Dec. 31, 1915.....		\$6,505.77	

TAX TITLES

Balance Dec. 31, 1914.....	\$134.43
No Collections.....	

Tax Takings

Balance Dec. 31, 1914.....	\$12,801.87
Additional in 1915.....	6,477.61
	\$19,279.48
Abated in 1915.....	\$10.20
Collected in 1915.....	7,365.72
Balance Dec. 31, 1915.....	\$11,903.56

Real Estate Taken by City

Balance Dec. 31, 1914.....	\$3,951.88
Additional in 1915.....	947.58
	\$4,899.46
Collected in 1915.....	195.39
Balance Dec. 31, 1915.....	\$4,704.07

Sewer Assessment Takings

Balance Dec. 31, 1914.....	\$471.76
Collected in 1915.....	55.98
Balance Dec. 31, 1915.....	\$415.78

COMMONWEALTH OF MASSACHUSETTS

Balance Dec. 31, 1914.....	\$2,614.00
Pay Rolls State Aid 1915.....	3,076.00
Soldiers' Burial 1915.....	200.00
	\$5,890.00
Cash received Nov. 1915.....	\$2,614.00
Balance Dec. 31, 1915.....	\$3,276.00
Payable Nov. 1916..	

Grants and Gifts

Middlesex County Dog Tax.....		\$1,187.90
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Expended

Transfer to Estimated Receipts.....	\$1,187.90	
	\$1,187.90	\$1,187.90

Departmental--General Government

ALDERMEN—Salaries and Wages

Receipts

Appropriation.....		\$600.00
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Expended

Salary of Clerk of Committees.....	\$600.00	
	\$600.00	\$600.00

Other Expenses

Receipts

Appropriation.....		\$300.00
Order No. 9363, transferred from Excess and Deficiency.....		200.00
Order No. 9364, transferred from Excess and Deficiency.....		75.00

Expended

Advertising.....	\$30.75	
Use of Auto for Committees.....	20.00	
Books and Stationery.....	70.55	
Inaugural.....	117.28	
Miscellaneous.....	25.79	
Gavel and Resolutions.....	24.92	
Printing, Particular Account.....	54.12	
Portraits.....	50.00	
Printing.....	44.25	
Posting Notices.....	33.00	
Sending Copies of City Charter to Voters...	74.58	
Municipal Bulletins.....	7.04	
Balance to Excess and Deficiency.....	22.72	
	\$575.00	\$575.00

MAYOR—Salaries and Wages**Receipts**

Appropriation		\$1,300.00
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Expended

Salary of Mayor	\$1,000.00	
Salary of Clerk	300.00	
	\$1,300.00	\$1,300.00

Other Expenses**Receipts**

Appropriation		\$150.00
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Expended

Electric Desk Lamp	\$9.13	
Postage and Stationery	42.75	
Telephone	44.40	
Miscellaneous	4.65	
Balance to Excess and Deficiency	49.07	
	\$150.00	\$150.00

AUDITOR—Salaries and Wages**Receipts**

Appropriation		\$1,280.00
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Expended

Salary of Auditor	\$500.00	
Salary of Assistant Auditor	780.00	
	\$1,280.00	\$1,280.00

Other Expenses**Receipts**

Appropriation		\$100.00
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Expended

Books, Stationery and Office Supplies	\$87.76	
Expense on Adding Machine	3.09	
Balance to Excess and Deficiency	9.15	
	\$100.00	\$100.00

TREASURER—Salaries and Wages**Receipts**

Appropriation.....		\$1,200.00
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Expended

Salary of Treasurer.....	\$1,200.00	
	\$1,200.00	\$1,200.00

Other Expenses**Receipts**

Appropriation.....		\$450.00
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Expended

Official Bond.....	\$120.00	
Carriage hire pay days.....	52.50	
Books, Stationery and Office Supplies.....	40.17	
Miscellaneous.....	30.51	
Postage.....	74.13	
Telephone.....	27.75	
Sinking Fund Audit.....	105.57	
Overdraft to 1916.....		.63
	\$450.63	\$450.63

COLLECTOR—Salaries and Wages**Receipts**

Appropriation.....		\$2,400.00
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Expended

Salary of Collector.....	\$1,000.00	
Salary of Clerks.....	1,391.75	
Balance to Excess and Deficiency.....	8.25	
	\$2,400.00	\$2,400.00

Other Expenses**Receipts**

Appropriation.....		\$1,430.00
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Expended

Official Bond.....	\$125.00	
Advertising.....	324.25	
Attorney preparing Notices of Takings and Deeds.....	167.50	
Books, Stationery and Office Supplies.....	72.24	
Distributing Summons.....	31.46	
Distributing Tax Bills.....	65.00	
Miscellaneous.....	15.79	
Postage.....	159.60	
Printing Tax Bills.....	53.56	
Recording Takings.....	195.50	
Printing.....	62.60	
Telephone.....	26.67	
Balance to Excess and Deficiency.....	130.83	
	\$1,430.00	\$1,430.00

ASSESSORS—Salaries and Wages**Receipts**

Appropriations.....	\$2,350.00
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Expended

Salaries of Assessors and Assistants.....	\$1,350.00	
Salary of Clerk.....	1,000.00	
	\$2,350.00	\$2,350.00

Other Expenses**Receipts**

Appropriation.....	\$715.00
Transfer from Excess and Deficiency.....	60.00

Expended

Abstracts of Deeds—Transfers and Probate	\$110.94	
Books, Stationery and Office Supplies.....	83.86	
Use of Automobile.....	75.00	
Car Fares.....	2.88	
Clerical Service.....	62.50	
Miscellaneous.....	39.10	
Postage.....	9.00	
Printing Poll Books.....	369.50	
Telephone.....	22.12	
Balance to Excess and Deficiency.....	.10	
	\$775.00	\$775.00

OTHER FINANCIAL OFFICERS

Receipts

Appropriation.....		\$200.00
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Expended

Salary of Treasurer of Sinking Fund Commissioners.....	\$200.00	
	\$200.00	\$200.00

CERTIFICATION OF BONDS AND NOTES

Receipts

Appropriation.....		\$400.00
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Expended

Old Colony Trust Co. Certification.....	\$386.25	
Balance to 1916.....	13.75	
	\$400.00	\$400.00

CITY CLERK—Salaries and Wages

Receipts

Appropriation.....		\$1,800.00
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Expended

Salary of City Clerk.....	\$1,200.00	
Salary of Assistant City Clerk.....	600.00	
	\$1,800.00	\$1,800.00

Other Expenses

Receipts

Appropriation.....		\$270.00
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Expended

Official Bond.....	4.00	
Books, Stationery and Office Supplies.....	24.40	
Car Fares.....	19.80	
Miscellaneous.....	29.82	
Postage and Box Rent.....	33.51	
Printing.....	90.95	
Telephone.....	67.52	
	\$270.00	\$270.00

LAW—CITY SOLICITOR—Salaries and Wages

Receipts

Appropriation.....		\$800.00
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Expended

Salary of Solicitor.....	\$800.00	
	\$800.00	\$800.00

Other Expenses

Receipts

Appropriation.....		\$25.00
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Expended

Plans, Profile of Spot Pond and Ell Pond		
Drains.....	\$15.65	
Copy of Record and Certification.....	2.50	
Balance to Excess and Deficiency.....	6.85	
	\$25.00	\$25.00

CITY PHYSICIAN—Salary

Receipts

Appropriation.....		\$350.00
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Expended

Salary.....	\$350.00	
	\$350.00	\$350.00

ELECTION AND REGISTRATION—Salaries and Wages

Receipts

Appropriation.....		\$1,400.00
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Expended

Salaries of Registrars.....	\$400.00	
Pay Rolls Election Officers.....	\$40.00	
Pay Rolls Tellers.....	20.00	
Pay Rolls Police Officers.....	107.40	
Clerical Service.....	30.60	
Balance to Excess and Deficiency.....	2.00	
	\$1,400.00	\$1,400.00

Other Expenses

Appropriation.....	\$900.00
Order No. 9425, transfer from Excess and Deficiency.....	120.00

Expended

Advertising and Printing.....	\$421.11	
Books and Stationery.....	12.55	
Clerical Service.....	58.25	
Fuel and Lights.....	13.04	
Janitor Service.....	17.20	
Meals.....	2.80	
Miscellaneous.....	66.40	
Moving Booths.....	110.20	
Postage.....	96.70	
Rent.....	180.00	
Repairing Booths.....	30.25	
Balance to Excess and Deficiency.....	11.50	
	\$1,020.00	\$1,020.00

CITY PLANNING BOARD

Receipts

Appropriation.....	\$300.00
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Expended

Bills were contracted, but not passed to Auditor in time to be paid in 1915 (\$92.00)		
Balance to 1916.....	\$300.00	
	\$300.00	\$300.00

PUBLIC WORKS OFFICE—Salaries and Wages

Receipts

Appropriation.....	\$2,850.00
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Expended

Salary of Engineer and Superintendent,....	\$2,000.00	
Salary of Clerk.....	843.58	
Balance to Excess and Deficiency.....	6.42	
	\$2,850.00	\$2,850.00

CITY OF MELROSE

Other Expenses

See report of Engr. and Supt. for details.

Receipts

Appropriation.....		\$650.00
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Expended

Bills paid.....	\$642.35	
Balance to 1916.....	7.65	
	\$650.00	\$650.00

SURVEY SOUTH EAST SECTION OF MELROSE

Balance from 1914.....		\$450.00
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Expended

Bills paid on account of Survey.....	\$150.00	
Balance to 1916.....	300.00	
	\$450.00	\$450.00

AUTO WARNING SIGNS NEAR SCHOOL

Balance from 1914.....		\$52.50
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Expended

Order No. 8787, transferred to Highway Repairing.....	\$52.50	
	\$52.50	\$52.50

RUBBISH BARRELS

Receipts

Order No. 9135, transfers from Excess and Deficiency.....		\$60.00
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Expended

Bills Paid.....	\$45.37	
Balance to 1916.....	14.63	
	\$60.00	\$60.00

ENGINEERING—Salaries and Wages**Receipts**

Appropriation.....	\$3,500.00	
Cash from Cemetery Dept.....	32.31	

Expended

Salaries per Pay Rolls.....	\$3,512.76	
Liability Insurance.....	19.55	
	\$3,532.31	\$3,532.31

Other Expenses

See report of Eng. and Supt. for details.

Receipts

Appropriation.....	\$325.00	
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Expended

Bills paid.....	\$317.87	
Liability Insurance.....	7.13	
	\$325.00	\$325.00

CITY HALL—Salaries and Wages**Receipts**

Appropriation.....	\$1,300.00	
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Expended

Pay Rolls.....	\$1,289.09	
Liability Insurance.....	10.91	
	\$1,300.00	\$1,300.00

Other Expenses

See report of Eng. and Supt. for details.

Receipts

Appropriation.....	\$2,000.00	
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Expended

Bills paid.....	\$1,963.87	
Balance to Excess and Deficiency.....	36.13	
	\$2,000.00	\$2,000.00

Plans and Specifications for New Vault Fixtures

Receipts

Balance from 1914		\$48.95
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Expended

Order No. 8787 Transfer to Highway		
Repairing	\$48.95	
	\$48.95	\$48.95

AUDITORIUM—Salaries and Wages

Receipts

Appropriation	\$1,100.00
Order No. 9407½, Transfer from Other Expenses	\$100.00

Expended

Pay Rolls	\$1,171.43	
Balance to Excess and Deficiency	28.57	
	\$1,200.00	\$1,200.00

Other Expenses

Receipts

Appropriation	\$1,900.00
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Expended

See Engr. and Supt. report for details.		
Bills paid	\$1,782.87	
Transfer to Salaries and Wages	100.00	
Balance to Excess and Deficiency	17.13	
	\$1,900.00	\$1,900.00

PROTECTION OF PERSONS AND PROPERTY

POLICE DEPT.—Salaries and Wages

Receipts

Appropriation	\$18,543.42
Order No. 9420-Transfer from Equipment and Repairs	25.00

Expended

Pay Rolls	\$18,523.30	
Balance to Excess and Deficiency	45.12	
	\$18,568.42	\$18,568.42

**Horses and Care of Same
Receipts**

Appropriation.....	\$425.00
Order No. 9420 Transfer from Equipment and Repairs	20.00

Expended

Blanket.....	\$2.50	
Board.....	360.00	
Horses for 4th of July.....	35.00	
Use of Horse.....	2.00	
Medicine.....	1.00	
Horse Shoeing	39.30	
Balance to Excess and Deficiency	5.20	
	\$445.00	\$445.00

**Equipment and Repairs
Receipts**

Appropriation.....	\$350.00
Cash for Cloth Sold	.50

Expended

Collar.....	\$7.00	
Equipment	86.36	
Lanterns.....	21.00	
Repairs on Democrat Wagon.....	21.35	
Repairs on Harness.....	3.50	
Robe.....	8.00	
Order No. 9267 Transfer to Other Expenses	100.00	
Order No. 9420, Transfer to Salaries and Wages.....	25.00	
Order No. 9420 Transfer to Horses and Care.....	20.00	
Order No. 9420 Transfer to Other Expenses	25.00	
Balance to Excess and Deficiency	33.29	
	\$350.00	\$350.00

**Other Expenses
Receipts**

Appropriation.....	\$200.00
Order No. 9267 Transfer from Equipment and Repairs	100.00
Order No. 9420 Transfer from Equipment and Repairs	25.00
Order No. 9409 Transfer from Excess and Deficiency.....	23.00

Expended

Books, Stationery and Office Supplies.....	\$88.74	
Carfares.....	14.89	
Meals.....	21.00	
Medical Attendance and Medicine.....	7.25	
Miscellaneous.....	29.80	
Postage and Box Rent.....	4.62	
Telephone.....	130.25	
Use of Auto.....	7.75	
Use of Saddles 4th of July.....	9.00	
Traffic Signs (Keep to the Right).....	30.41	
Balance to Excess and Deficiency.....	4.29	
	\$348.00	\$348.00

**Police Signal Boxes
Receipts**

Appropriation.....	\$300.00
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Expended

Batteries.....	\$21.47	
Gamewell Fire Alarm Tel. Co.....	49.54	
Horse Hire.....	11.00	
Labor on Lines.....	14.14	
Miscellaneous.....	12.43	
Pay Rolls.....	145.00	
Testing Outfit.....	14.55	
Balance to Excess and Deficiency.....	31.87	
	\$300.00	\$300.00

**Police Ambulance
Receipts**

Balance from 1914.....	\$1.96
Cash Received from Use of Ambulance.....	36.00

Expended

Bills paid for Repairs.....	\$24.00	
Balance to 1916.....	13.96	
	37.96	\$37.96

**Fines and Forfeits
Receipts**

Cash First Dist. Court.....	\$146.89
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Expended

Expense of Patrol Wagon, Court to East Cambridge	\$25.53	
Balance to Estimated Receipts.....	121.36	
	\$146.89	\$146.89

FIRE DEPARTMENT—Salaries and Wages**Receipts**

Appropriation.....	\$15,172.42
Balance from 1914.....	105.19

Expended

Pay Rolls.....	\$15,036.09	
Order No. 8754 Transfer to Fuel and Lights	15.61	
Order No. 8754 Transfer to Other Expenses	89.58	
Order No. 9384 Transfer to Horses and Care	100.00	
Balance to Excess and Deficiency	36.33	
	\$15,277.61	\$15,277.61

Horses and Care of Same**Receipts**

Balance from 1914.....	\$11.42
Appropriations.....	1,300.00
Order No. 8754 Transfer from Repairs on Buildings.....	21.03
Order No. 9384 Transfer from Salaries and Wages.....	100.00

Expended

Hay and Grain	\$1,209.18	
Horse and Hire	4.00	
Horse Shoeing.....	188.34	
Veterinary and Medicine.....	4.05	
Teaming Hay.....	13.62	
Shipping Horse to Red Acre Farm.....	10.49	
Balance to Excess and Deficiency	2.77	
	\$1,432.45	\$1,432.45

Fuel and Lights**Receipts**

Order No. 8754 Transfer from Equipment and Repairs.....	\$19.46
Order No. 8754 Transfer from Salaries and Wages.....	15.61
Appropriation.....	875.00

Expended

Coal and Wood.....	\$620.03	
Electric Light.....	80.70	
Gas Light.....	56.52	
Gasoline and Oil.....	73.93	
Miscellaneous.....	57.10	
Balance to Excess and Deficiency.....	21.79	
	\$910.07	\$910.07

Equipment and Repairs**Receipts**

Balance from 1914.....	\$19.46
Appropriation.....	654.00

Expended

Equipment.....	\$452.03	
Repairs.....	135.73	
Supplies.....	39.36	
Hauling Steamer.....	13.00	
Order No. 8754 Transfer to Fuel and Lights	19.46	
Balance to Excess and Deficiency.....	13.88	
	\$673.46	\$673.46

Repairs on Buildings**Receipts**

Balance from 1914.....	\$21.03
Appropriation.....	150.00

Expended

Bills Paid.....	\$149.22	
Order No. 8754 Transfer to Horses and Care	21.03	
Balance to Excess and Deficiency.....	.78	
	\$171.03	\$171.03

Other Expenses**Receipts**

Order No. 8754 Transfer from Salaries and Wages.....	\$89.58
Appropriation.....	500.00

Expended

Books, Stationery and Office Supplies.....	\$18.25	
Express.....	21.33	
Bedding, Furniture, Laundry.....	105.13	
Miscellaneous.....	28.23	
Supplies.....	219.50	
Telephone.....	124.87	
Water Rates.....	69.58	
Overdraft from 1914.....	.51	
Balance to Excess and Deficiency.....	2.18	
	\$589.58	\$589.58

Pensions**Receipts**

Appropriation.....	\$200.00
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Expended

Pay Roll.....	\$200.00	
	\$200.00	\$200.00

Special Account—Equipment and Repairs**Rubber Tires for Auto Chemical**

Balance from 1914.....	\$130.00
No expenditure	

Brush Fires**Receipts**

Appropriation.....	\$400.00
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Expended

Pay Rolls.....	\$224.30	
Balance to Excess and Deficiency.....	175.70	
	\$400.00	\$400.00

Special Account—Traffic Gongs**Receipts**

Order No. 9044 Transfer from Excess and Deficiency.....	\$100.00
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Expended

Bills Paid.....	\$79.78	
Balance to Excess and Deficiency.....	20.22	
	\$100.00	\$100.00

Fire Alarm Maintenance**Receipts**

Balance from 1914.....	\$4.40
Appropriation.....	1,000.00

Expended

Salaries and Wages.....	\$366.50	
Pay Rolls for Labor.....	31.50	
Electric Power.....	1.30	
Gong.....	56.11	
Miscellaneous.....	18.13	
Repairs.....	12.35	
Supplies.....	20.49	
Team Hire.....	44.00	
Telephone.....	11.96	
Order No. 9237 Transfer to Inspection of Wires.....	400.00	
Order No. 9405 Transfer.....	25.00	
Transfer to Inspection of Wires.....	11.49	
Balance to Excess and Deficiency.....	5.57	
	\$1,004.40	\$1,004.40

Fire Alarm Box Order No. 8200

Balance from 1914.....	\$73.51
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Expended

Gamewell Fire Alarm Tel. Co.....	\$73.51	
	\$73.51	\$73.51

Fire Alarm Box Order No. 8925**Receipts**

Order No. 8925 Transfer from Excess and Deficiency.....	\$85.00
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Expended		
Gamewell Fire Alarm Tel. Co.....	\$75.00	
Pay Roll for Labor.....	10.00	
	\$85.00	\$85.00

Fire Alarm Box Order No. 9049

Receipts		
Order No. 9049 Transfer from Excess and Deficiency.....		\$150.00

Expended		
Gamewell Fire Alarm Tel. Co.....	\$75.68	
Pay Roll for Labor.....	6.00	
Supplies.....	13.70	
Team Hire.....	4.00	
Wire.....	39.07	
Balance to Excess and Deficiency.....	11.55	
	\$150.00	\$150.00

INSPECTION OF BUILDINGS—Salaries and Expenses

Receipts		
Appropriation.....		\$325.00

Expended		
Salary of Inspector.....	\$300.00	
Printing.....	15.00	
Balance to Excess and Deficiency.....	10.00	
	\$325.00	\$325.00

INSPECTION OF WIRES—Salaries and Expenses

Receipts		
Appropriation.....		\$350.00
Order No. 9237 Transfer from Fire Alarm Maintenance.....		400.00
Order No. 9405 Transfer from Fire Alarm Maintenance.....		25.00
Transfer from Fire Alarm Maintenance.....		11.49

Expended		
Salary of Inspector.....	\$689.65	
Books, Stationery and Postage.....	21.78	
Miscellaneous.....	8.15	
Telephone.....	43.56	
Balance to Excess and Deficiency.....	23.35	
	\$786.49	\$786.49

SEALING OF WEIGHTS AND MEASURES—Salary and Expenses**Receipts**

Appropriation.....	\$650.00
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Expended

Salary.....	\$600.00	
Postage, Printing and Stationery.....	21.85	
Use of Horse and Team.....	6.50	
Weights and Measures.....	7.32	
Miscellaneous.....	12.47	
Balance to Excess and Deficiency.....	1.86	
	\$650.00	\$650.00

BOARD OF CONTROL**Receipts**

Appropriation.....	\$25.00
No Expenditures	
Balance to Excess and Deficiency.....	\$25.00
	\$25.00
	\$25.00

FORESTRY**Brown Tail and Gypsy Moth Extermination****Receipts**

Order No. 8877 Appropriation.....	\$200.00
Appropriation.....	800.00

Expended

Pay Rolls.....	\$767.98	
Tools and Supplies.....	39.75	
Insurance.....	87.73	
Use of Teams.....	33.00	
Repairs to Machine.....	71.33	
Balance to Excess and Deficiency.....	.21	
	\$1,000.00	\$1,000.00

Brown Tail and Gypsy Moth—Private Work**Receipts**

Order No. 8807 Appropriation.....	\$1,500.00
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Expended

Pay Rolls	\$744.13	
Clerical Work on Bills	17.00	
Postage	5.00	
Rent	30.00	
Balance to Excess and Deficiency	703.87	
	\$1,500.00	\$1,500.00

Other Insect Pests

Receipts

Appropriation	\$750.00
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Expended

Pay Rolls	\$501.00	
Insurance	13.50	
Tools and Supplies	85.96	
Miscellaneous	2.00	
Rent	30.00	
Repairs on Machine	113.10	
Balance to Excess and Deficiency	4.44	
	\$750.00	\$750.00

Care of Trees

Receipts

Appropriation	\$1,000.00
Cash received sale of trees, etc.	22.87

Expended

Pay Rolls	\$879.39	
Use of Teams	69.55	
Paid for Trees	14.00	
" Stone	9.00	
" Pickets	1.33	
" Bolts	2.50	
Balance to Excess and Deficiency	47.10	
	\$1,022.87	\$1,022.87

DOG OFFICERS

Receipts

Cash from County Treasurer	\$45.00
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Expended

Paid Officers for Killing Dogs.....	\$45.00	
	\$45.00	\$45.00

HEALTH AND SANITATION**Health Department**

(See report of Health Dept. for details.)

General Administration**Receipts**

Appropriation.....	\$1,150.00
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Expended

Salaries and Bills Paid.....	\$1,146.16	
Balance to Excess and Deficiency.....	3.84	
	\$1,150.00	\$1,150.00

Quarantine and Contagious Hospital**Receipts**

Appropriation.....	\$3,500.00
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Expended

Bills Paid.....	\$2,362.94	
Order No. 9268, Transfer to Tuberculosis ..	200.00	
Order No. 9389 " " ..	500.00	
Order No. 9448, " " ..	200.00	
Balance to Excess and Deficiency.....	237.06	
	\$3,500.00	\$3,500.00

Tuberculosis**Receipts**

Appropriation.....	700.00
Order No. 9268, Transfer from Quarantine and Contagious.....	200.00
Order No. 9389, Transfer from Quarantine and Contagious.....	500.00
Order No. 9448, Transfer from Quarantine and Contagious.....	200.00
Cash refunded.....	28.00

Expended

Bills Paid	\$1,707.76	
Balance to Excess and Deficiency	20.24	
	\$1,728.00	\$1,728.00

Vital Statistics**Receipts**

Appropriation	\$220.00
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Expended

Printing, Postage and Stationery	\$21.18	
Clerical	3.00	
Paid for Records of Births and Deaths	193.50	
Balance to Excess and Deficiency	2.32	
	\$220.00	\$220.00

Other Expenses**Receipts**

Appropriation	\$1,200.00
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Expended

Bills Paid	\$935.15	
Transfer to Burial of Dead Animals	43.00	
Order No. 9448, Transfer to Inspection of Animals	7.00	
Balance to Excess and Deficiency	214.85	
	\$1,200.00	\$1,200.00

Inspection of School Children**Receipts**

Appropriation	\$225.00
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Expended

Salaries of Inspectors	\$225.00	
	\$225.00	\$225.00

Inspection of Animals and Slaughtering**Receipts**

Appropriation	\$150.00
Order No. 9448, Transfer from Other Exp.	7.00

CITY OF MELROSE

Expended

Salaries of Inspectors	\$155.00	
Balance to Excess and Deficiency	2.00	
	\$157.00	\$157.00

Inspection of Milk and Vinegar

Receipts

Appropriation	\$100.00
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Expended

Salary of Inspector	\$100.00	
	\$100.00	\$100.00

Inspection of Milk Analysis

Receipts

Appropriation	\$400.00
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Expended

Salary of Inspector	\$400.00	
	\$400.00	\$400.00

SANITATION

(See report of Engineer and Supt. of Public Works for details.)

Sewer—Maintenance and Operation

Receipts

Appropriation	\$1,200.00
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Expended

Bills and Pay Rolls paid	\$1,200.50	
Balance Overdraft to 1916		.50
	\$1,200.50	\$1,200.50

Surface Drainage—Maintenance

Receipts

Appropriation	\$2,500.00
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Expended

Bills and Pay Rolls Paid.....	\$2,504.17	
Balance Overdraft to 1916.....		4.17
	\$2,504.17	\$2,504.17

Collection of Ashes and Rubbish**Receipts**

Balance from 1914.....	\$139.32
Appropriation.....	4,500.00
Order No. 9430, Transfer from Excess and Deficiency.....	150.00

Expended

Pay Rolls and Bills Paid.....	\$4,650.00	
Order No. 8719, Transfer to Highway Rep..	139.32	
	\$4,789.32	\$4,789.32

Street Cleaning**Receipts**

Appropriation.....	\$5,000.00
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Expended

Bills and Pay Rolls Paid.....	\$5,000.00	
	\$5,000.00	\$5,000.00

Cleaning Brooks**Receipts**

Appropriation.....	\$1,000.00
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Expended

Bills and Pay Rolls Paid.....	\$1,000.00	
	\$1,000.00	\$1,000.00

Collection of Garbage

(See Health Dept. Report for details.)

Receipts

Appropriation.....	\$2,000.00
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Expended

Bills Paid—Contract.....	\$1,836.47	
Balance to Excess and Deficiency.....	163.53	
	\$2,000.00	\$2,000.00

Burial of Dead Animals**Receipts**

Transfer from Health and Other Expenses..		\$43.00
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Expended

Bills Paid.....	\$43.00	
	\$43.00	\$43.00

HIGHWAYS

(See Report of Eng. and Supt. of Public Works for detail.)

General Administration**Receipts**

Appropriation.....		\$2,000.00
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Expended

Salaries Paid.....	\$2,000.00	
	\$2,000.00	\$2,000.00

**Repairing
Receipts**

Balance from 1914.....	\$251.41	
Appropriation.....	15,000.00	
Transfer from Bank and Corporation Tax, R.R. Tax.....	2,354.12	
Transferred from Bank and Corporation Tax, Excise Tax.....	2,251.94	
Sundry Cash Receipts.....	75.37	
Order No. 8787, Transfers from Sundry Accounts.....	435.20	
Transfer Bills.....	14,167.76	

Expended

Pay Rolls and Bills Paid.....	\$34,412.39	
Balance to Excess and Deficiency.....	123.41	
	\$34,535.80	\$34,535.80

Individual Walks**Receipts**

Balance from 1914.....	\$303.75	
Appropriation.....	1,500.00	
Cash Deposits.....	1,547.82	
Transfer Bills.....	44.79	

Expended

Pay Rolls and Bills Paid.....	\$2,408.03	
Cash Refunded on Deposits.....	428.86	
Balance to 1916.....	559.47	
	\$3,396.36	\$3,396.36

Sidewalk—Repairs**Receipts**

Appropriation.....	\$5,000.00	
Receipts, Cash.....	3.06	

Expended

Bills and Pay Rolls Paid.....	\$4,858.19	
Balance.....	144.87	
	\$5,003.06	\$5,003.06

Street Sprinkling—Water and Oil

Balance from 1914.....	\$3,691.46	
Receipts 1915 from Assessments.....		\$9,824.31

Expended

Pay Rolls and Bills Paid—Watering.....	\$1,888.54	
Pay Rolls and Bills Paid—Oiling.....	8,144.40	
Balance to 1916.....		3,900.09
	\$13,724.40	\$13,724.40

Street Lighting**Receipts**

Appropriation.....	\$18,700.00	
Transfer from Park Dept.....	63.50	
Order No. 9406, Transfer from Excess and Deficiency.....		67.26

Expended

Bills Paid—Contract.....	\$18,830.76	
	\$18,830.76	\$18,830.76

Street Signs and Numbering

Receipts

Balance from 1914.....	\$.93
Appropriation.....	250.00

Expended

Pay Rolls and Bills Paid.....	\$249.08	
Order No. 8787, Transfer to Highway Rep.....	.93	
Balance to Excess and Deficiency.....	.92	
	\$250.93	\$250.93

Stone Bounds

Balance from 1914.....		\$53.88
Order No. 8787, Transfer to Highway Rep...	\$53.88	
	\$53.88	\$53.88

Iron Fence York Terrace

Balance from 1914.....		\$260.89
Order No. 8788, Transfer to Highway Rep...	\$260.89	
	\$260.89	\$260.89

Cleaning off Snow and Ice

Receipts

Appropriation.....	\$1,000.00
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Expended

Transfer to Highway Repairing.....	\$1,000.00	
	\$1,000.00	\$1,000.00

Waverly Avenue Repairs

Receipts

Order No. 9320, Transfer from Excess and Deficiency.....	\$500.00
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Expended

Pay Rolls and Bills Paid.....	\$500.00	
	\$500.00	\$500.00

CHARITIES

(See Report of Overseers of Poor for details.)

General Administration

Receipts

Appropriation.....		\$800.00
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Expended

Salaries and Bills Paid.....	\$798.26	
Balance to Excess and Deficiency.....	1.74	
	800.00	\$800.00

Almshouse and Farm

Receipts

Appropriation.....		\$2,800.00
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Expended

Bills and Pay Rolls paid.....	\$2,690.48	
Balance to Excess and Deficiency.....	109.52	
	\$2,800.00	\$2,800.00

Outside Relief by City

Receipts

Appropriation.....		\$3,000.00
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Expended

Bills and Pay Rolls Paid.....	\$3,009.70	
Balance Overdraft to 1916.....		9.70
	\$3,009.70	\$3,009.70

Relief by Other Cities and Towns

Receipts

Appropriation.....		\$1,800.00
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Expended

Bills Paid.....	\$1,791.31	
Balance to Excess and Deficiency.....	8.69	
	\$1,800.00	\$1,800.00

CITY OF MELROSE

**Mothers' Aid
Receipts**

Appropriation.....	\$2,500.00
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Expended

Bills and Pay Rolls Paid.....	\$2,494.87	
Balance to Excess and Deficiency.....	5.13	
	\$2,500.00	\$2,500.00

E. Toothaker Fund

Balance from 1914.....	\$1,378.81
Interest received on Fund.....	55.00

Expended

Bills paid.....	\$3.88	
Balance to 1916.....	1,429.93	
	\$1,433.81	\$1,433.81

**Painting Almshouse
Receipts**

Appropriation.....	\$250.00
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Expended

Bills Paid.....	\$235.35	
Balance to Excess and Deficiency.....	14.65	
	\$250.00	\$250.00

**Melrose Hospital
Receipts**

Appropriation.....	\$1,000.00
Cash Collected.....	20.00

Expended

Board and Care at Hospital.....	\$1,000.00	
Cash Collections refunded to Hospital.....	20.00	
	\$1,020.00	\$1,020.00

SOLDIERS' BENEFITS**General Administration—Salaries****Receipts**

Appropriation.....		\$100.00
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Expended

Salary of Agent.....	\$96.11	
Balance to Excess and Deficiency.....	3.89	
	\$100.00	\$100.00

State Aid

(Paid by Commonwealth Nov. 1916)

Pay Rolls Paid.....	\$3,076.00
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Soldiers' Burial

(Paid by Commonwealth Nov. 1916)

Bills Paid.....	\$200.00
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Military Aid

Balance from 1914.....	\$123.50
No Payments	

Soldiers' Relief**Receipts**

Appropriation.....	\$3,200.00
Order No. 9310, Transfer from Excess and Deficiency.....	300.00
Cash Refunded.....	24.00

Expended

Cash Orders paid by Treasurer.....	\$2,505.50	
Dry Goods and Shoes.....	15.00	
Fuel.....	485.05	
Groceries and Provisions.....	245.99	
Horse Hire.....	5.00	
Medicine.....	4.74	
Medical Attendance.....	8.50	
Rent.....	192.00	
Typewriting, Postage and Carfares.....	43.97	
Balance to Excess and Deficiency.....	18.25	
	\$3,524.00	\$3,524.00

EDUCATION—SCHOOL DEPARTMENT

(See Report of Supt. of Schools for details.)

Receipts

Appropriation for:

Administrative Salaries.....	\$2,940.00
Other General Salaries.....	1,220.00
Other General Expense.....	650.00
Teachers' Salaries.....	75,000.00
Text Books and Supplies.....	5,500.00
Tuition.....	1,000.00
Transportation.....	700.00
Janitor Service.....	8,250.00
Fuel and Light.....	5,000.00
Maintenance of Buildings.....	4,000.00
Furniture and Furnishings.....	200.00
Other Expenses.....	500.00
High School Telephone and Blackboards for Grammar Schools.....	700.00

\$105,660.00

Less from Receipts.....2,500.00

\$103,160.00

Received from Commonwealth, Cities, Towns and Individuals.....	2,500.00
Order No. 9385, Balance of Receipts for Tuition.....	542.09
Order No. 9408, Transfer from Sundry Re- pair Accounts.....	591.37
Cash Refund Overcharge on Coal.....	5.89
Cash Bill of Coal from Library Dept.....	14.10

Expended

Salary of Supt.....	\$2,940.00
Other General Salaries, Clerk and Truant Officer.....	1,300.00
Other General Expenses.....	606.49
Pay Rolls, Teachers' Salaries.....	74,753.03
Bills Paid, Text Books and Supplies.....	5,478.84
Bills Paid, Tuition.....	1,198.38
Bills Paid, Transportation.....	658.00
Pay Rolls, Janitor Service.....	8,211.42
Bills Paid, Fuel and Light.....	5,857.95
Bills Paid, Maintenance of Buildings.....	4,532.38
Bills Paid, Furniture and Furnishings.....	163.35
Bills Paid, Other Expenses.....	397.37
Bills Paid, High School Telephone and Blackboards for Grammar Schools.....	651.77
Balance to 1916.....	64.47

\$106,813.45

\$106,813.45

Laying Out and Constructing Walks, High School

Balance from 1914.....		\$1,252.69
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Expended

Bills Paid	\$1,177.30	
Balance to 1916.....	75.39	
	\$1,252.69	\$1,252.69

Special Repair to School Buildings**Franklin School**

Appropriation.....		\$190.00
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Expended

Bills Paid	\$94.30	
Order No. 9408, Transfer to Maintenance of Buildings.....	95.70	
	\$190.00	\$190.00

Lincoln School

Appropriation.....		\$200.00
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Expended

Bills Paid	\$96.98	
Order No. 9408, Transfer to Maintenance of Buildings.....	103.02	
	\$200.00	\$200.00

Livermore School

Appropriation.....		\$175.00
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Expended

Bills Paid	14.64	
Order No. 9408, Transfer to Maintenance of Buildings.....	160.26	
	\$175.00	\$175.00

Ripley School

Appropriation.....		\$400.00
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Expended		
Bills Paid	\$397.38	
Order No. 9408, Transfer to Maintenance of Buildings.	2.62	
	\$400.00	\$400.00
Sewall School		
Appropriation.		\$175.00
Expended		
Bills Paid	\$168.48	
Order No. 9408, Transfer to Maintenance of Buildings.	6.52	
	\$175.00	\$175.00
Warren School		
Appropriation.		\$400.00
Expended		
Bills Paid	\$399.30	
Order No. 9408, Transfer to Maintenance of Buildings.	.70	
	\$400.00	\$400.00
Whittier School		
Appropriation.		\$100.00
Expended		
Bills Paid	\$46.88	
Order No. 9408, Transfer to Maintenance of Buildings.	53.12	
	\$100.00	\$100.00
Winthrop School		
Appropriation.		\$1,000.00
Expended		
Bills Paid	\$830.67	
Order No. 9408, Transfer to Maintenance of Buildings	169.33	
	\$1,000.00	\$1,000.00

Order No. 9381, Fire Escapes and Exits
Sewall and Whittier Schools

Receipts

Transfer from Excess and Deficiency.....		\$600.00
No Expenditure, Balance to 1916.....	\$600.00	
	\$600.00	\$600.00

LIBRARIES—Salaries and Wages

Receipts

Appropriation.....	\$2,875.00
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Expended

Pay Rolls Paid.....	\$2,859.37	
Balance to Excess and Deficiency.....	15.63	
	\$2,875.00	\$2,875.00

Books and Periodicals

Receipts

Appropriation.....	\$1,200.00
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Expended

Bills Paid.....	\$1,195.95	
Balance to Excess and Deficiency.....	4.05	
	\$1,200.00	\$1,200.00

Binding

Receipts

Appropriation.....	\$400.00
Order No. 9390, Transfer from Building and Janitors' Supplies.....	100.00

Expended

Bills Paid.....	\$500.00	
	\$500.00	\$500.00

Fuel and Lights

Receipts

Appropriation.....	\$550.00
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CITY OF MELROSE

Expended

Bills Paid	\$550.00	
	\$550.00	\$550.00

Building and Janitors' Supplies

Receipts

Appropriation.....	\$250.00
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Expended

Bills Paid	\$147.84	
Order No. 9390, Transfer to Binding.....	100.00	
Balance to Excess and Deficiency.....	2.16	
	\$250.00	\$250.00

Other Expenses

Receipts

Appropriation.....	\$300.00
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Expended

Bills Paid	\$299.81	
Balance to Excess and Deficiency.....	.19	
	\$300.00	\$300.00

Branch Library, Ward 7—Precinct 2

Receipts

Appropriation.....	\$200.00
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Expended

Books.....	\$34.73	
Express.....	2.25	
Rent.....	97.87	
Salary Librarian.....	59.50	
Steps.....	5.65	
	\$200.00	\$200.00

Branch Library—Melrose Highlands

Receipts

Appropriation.....	\$350.00
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Expended

Books.....	\$208.17	
Express.....	2.57	
Fuel and Light.....	15.15	
Salary Janitor.....	44.80	
Salary Librarian.....	47.00	
Balance to Excess and Deficiency.....	32.31	
	\$350.00	\$350.00

RECREATION

Pine Banks Park
(See Report of Trustees)

Receipts

Appropriation.....	\$1,500.00
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Expended

Paid Treasurer Pine Banks Park Trustees..	\$1,500.00	
	\$1,500.00	\$1,500.00

PARK DEPARTMENT

(See Report of Park Commissioners for details.)

General Administration—Salaries and Wages**Receipts**

Appropriation.....	\$50.00
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Expended

Salary of Clerk.....	\$50.00	
	\$50.00	\$50.00

Other Expenses**Receipts**

Appropriation.....	\$100.00
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Expended

Bills Paid.....	\$32.36	
Balance to 1916.....	67.64	
	\$100.00	\$100.00

CITY OF MELROSE

Parks and Gardens—Salaries and Wages

Receipts

Appropriation.....		\$650.00
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Expended

Pay Rolls.....	\$649.18	
Order No. 9311, Transfer to Ell Pond Park Shelters.....	.82	
	\$650.00	\$650.00

Improvements and Additions

Receipts

Appropriation.....	\$600.00
Cash Refunded.....	1.20

Expended

Bills Paid.....	\$598.82	
Order No. 9311, Transfer to Ell Pond Park Shelters.....	.03	
Order No. 9419, Transfer to Other Expenses	1.15	
Balance to Excess and Deficiency.....	1.20	
	\$601.20	\$601.20

Other Expenses

Receipts

Appropriation.....	\$175.00
Order No. 9419, Transfer from Sundry Accts.	11.96

Expended

Bills Paid.....	\$184.18	
Order No. 9311, Transfer to Ell Pond Park Shelters.....	.82	
Balance to Excess and Deficiency.....	1.96	
	\$186.96	\$186.96

Playgrounds—Salaries and Wages

Receipts

Appropriation.....	\$50.00
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Expended

Pay Rolls.....	\$24.70	
Order No. 9311, Transfer to Ell Pond Park Shelters.....	\$25.03	
Order No. 9419, Transfer to Parks and Gardens, Other Expenses.....	.27	
	\$50.00	\$50.00

Improvements and Additions**Receipts**

Appropriation.....	\$350.00
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Expended

Bills Paid.....	\$349.30	
Order No. 9419 Transfer to Parks and Gardens, Other Expenses.....	.70	
	\$350.00	\$350.00

Other Expenses**Receipts**

Appropriation.....	\$25.00
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Expended

Bills Paid.....	\$24.47	
Order No. 9311, Transfer to Ell Pond Park Shelters.....	.53	
	\$25.00	\$25.00

Bath Houses—Salaries and Wages**Receipts**

Appropriation.....	\$350.00
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Expended

Pay Rolls.....	\$350.00	
	\$350.00	\$350.00

Improvements and Additions**Receipts**

Appropriation.....	\$25.00
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CITY OF MELROSE

Expended

Bills Paid.....	\$19.20	
Order No. 9419, Transfer to Parks and Gardens, Other Expenses.....	5.80	
	\$25.00	\$25.00

Other Expenses**Receipts**

Appropriation.....		\$25.00
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Expended

Bills Paid.....	\$20.96	
Order No. 9419, Transfer to Parks and Gardens, Other Expenses.....	4.04	
	\$25.00	\$25.00

Ell Pond Park Lights

Balance from 1914.....		\$63.50
Transfer to Street Lighting.....	\$63.50	
	\$63.50	\$63.50

Main Street Embankment**Receipts**

Appropriation.....		\$500.00
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Expended

Bills Paid.....	\$497.26	
Balance to Excess and Deficiency.....	2.74	
	\$500.00	\$500.00

Construction of Shelter

Balance from 1914.....		\$4.53
Order No. 9311, Transfer from Sundry Accts.		27.23

Expended

Bills Paid.....	\$31.76	
	\$31.76	\$31.76

Ell Pond Park Acquiring and Grading Land, Etc.

Balance from 1914.....		\$375.75
No Expenditures. Balance to 1916.....	\$375.75	
	\$375.75	\$375.75

Horace Mann Park**Receipts**

Proceeds of Sale of Horace Mann School-house, Transferred to Park Dept., Order No. 9239.....		\$465.00
No Expenditure. Balance to 1916.....	\$465.00	
	\$465.00	\$465.00

Celebration and Entertainments**Fourth of July****Receipts**

Appropriation.....		\$500.00
Cash received from Individuals.....		96.14
Order No. 9380, Transfer from Excess and Deficiency.....		137.37

Expended

Bills Paid Fire Works and Flags.....	\$312.00	
Bills Paid Music.....	250.00	
Bills Paid, Use of Barges and Floats.....	92.00	
Bills Paid, Badges and Flags.....	79.51	
	\$733.51	\$733.51

Ringin Bells**Receipts**

Appropriation.....		\$50.00
Order No. 9340, Transfer from Excess and Deficiency.....		14.00

Expended

Bills Paid.....	\$64.00	
	\$64.00	\$64.00

UNCLASSIFIED

Claims for Damages

Receipts

Order No. 8546, Transfer from Excess and Deficiency.....	\$639.20	
Order No. 9343, Transfer from Excess and Deficiency.....	210.00	
Order No. 9346, Transfer from Excess and Deficiency.....	200.00	
Order No. 9365, Transfer from Excess and Deficiency.....	75.00	

Expended

For Hanson Claim	\$639.20	
“ Regan “	210.00	
“ Hamilton “	200.00	
“ Young “	75.00	
	\$1,124.20	\$1,124.20

Memorial Day

Receipts

Appropriation.....	\$325.00
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Expended

Bills Paid	\$323.45	
Balance to Excess and Deficiency	1.55	
	\$325.00	\$325.00

Printing City Report

Receipts

Appropriation.....	\$500.00
Order No. 8573, Transfer from Excess and Deficiency.....	19.10

Expended

Bills paid 1915	\$450.60	
Bills Paid Account of 1913	19.10	
Balance to Excess and Deficiency	49.40	
	\$519.10	\$519.10

Ice for Drinking Fountains**Receipts**

Appropriation.....		\$50.00
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Expended

Bills Paid.....	\$50.00	
	\$50.00	\$50.00

Insurance**Receipts**

Appropriation.....		\$1,000.00
Premiums refunded.....		3.20

Expended

Premiums Paid.....	\$656.18	
Balance to Excess and Deficiency.....	347.02	
	\$1,003.20	\$1,003.20

Rent of Vacant Land**Receipts**

J. W. Murray, Collector.....		2.50
Transfer to Excess and Deficiency.....	\$2.50	
	\$2.50	\$2.50

Conscience Fund**Receipts**

J. W. Murray, Collector.....		\$10.00
Transfer to Excess and Deficiency.....	\$10.00	
	\$10.00	\$10.00

PUBLIC SERVICE ENTERPRISES

(See Report of Eng. and Supt. of Public Works for details.)

Water Maintenance

Balance from 1914.....	\$1,063.30
Appropriation.....	15,000.00
Cash for On and Off.....	126.35
Transfer Bills from Sundry Accounts.....	7,718.89

CITY OF MELROSE

Expended

Bills and Pay Rolls.....	\$19,532.62	
Transfer Balance 1914 to Water Income....	1,063.30	
Balance to 1916.....	3,312.62	
	\$23,908.54	\$23,908.54

Inside Service**Receipts**

Cash received for Estimates.....		\$3,352.30
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Expended

Bills and Pay Rolls.....	\$2,922.08	
Cash Refunded on Estimates.....	430.22	
	\$3,352.30	\$3,352.30

Public Scales**Receipts**

Fees Received.....		\$65.50
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Expended

Bills Paid.....	\$3.22	
Balance to Excess and Deficiency.....	62.28	
	\$65.50	\$65.50

Cemeteries

(See Report of Cemetery Committee for details.)

Receipts

Appropriation.....	\$7,540.00
Order No. 9056 for Care Soldiers' Graves...	160.00

Expended

Bills and Pay Rolls.....	\$7,696.96	
Balance to Excess and Deficiency.....	3.04	
	\$7,700.00	\$7,700.00

Order No. 9056, Care of Soldiers' Graves**Receipts**

Transfer from Excess and Deficiency.....	\$160.00
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Expended

Transfer to Cemetery Maintenance.....	\$160.00	
	<u>\$160.00</u>	<u>\$160.00</u>

**Interest
Receipts**

Appropriation.....		\$38,000.00
Accrued Interest.....	\$181.17	
Melrose Natl. Bank on Deposits.....	785.26	
Old Colony Trust Co. on Deposits.....	310.16	
Betterment Assessments.....	126.59	
Sewer Assessments.....	593.81	
Sidewalk Assessments.....	263.01	
Taxes.....	8,002.60	
Tax Takings.....	<u>1,867.43</u>	<u>12,130.03</u>

Expended

Auditorium Loan Coupons.....	\$1,440.00	
Park Loan Coupons.....	600.00	
School Loan Coupons.....	10,045.00	
Sewer Loan Coupons.....	16,847.50	
Surface Drainage Loan Coupons.....	5,980.00	
Municipal and Permanent Loans.....	4,510.60	
Temporary Loans.....	7,793.74	
Refunds.....	31.27	
Cemetery Trust Funds.....	1,420.02	
Toothaker Funds.....	<u>55.00</u>	
	\$48,723.13	
Overdraft of 1914.....	2,476.97	
Balance Overdraft to 1916.....		<u>1,070.07</u>
	<u>\$51,200.10</u>	<u>\$51,200.10</u>

**Guarantee Deposits
Receipts**

Checks and Cash.....	\$750.00
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Expended

Checks Returned.....	\$650.00	
Balance to 1916.....	<u>100.00</u>	
	<u>\$750.00</u>	<u>\$750.00</u>

AGENCY TRUST AND INVESTMENTS

Agency		
From Taxes for State.....		\$39,780.00
Expended		
Paid State Treasurer.....	\$39,780.00	
	\$39,780.00	\$39,780.00
From Taxes for County.....		\$20,682.55
Expended		
Paid County Treasurer.....	\$20,682.55	
	\$20,682.55	\$20,682.55
Metropolitan Park Tax		
Amount of Warrant.....		\$10,796.50
Expended		
Paid State Treasurer.....	\$10,796.50	
	\$10,796.50	\$10,796.50
Metropolitan State Highway Tax		
Amount of Warrant.....		\$52.40
Expended		
Paid State Treasurer.....	\$52.40	
	\$52.40	\$52.40
Metropolitan Sewer Tax		
Amount of Warrant.....		\$17,201.57
Expended		
Paid State Treasurer.....	\$17,201.57	
	\$17,201.57	\$17,201.57
Charles River Basin Tax		
Amount of Warrant.....		\$1,621.29

AUDITOR'S REPORT

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Expended

Paid State Treasurer.....	\$1,621.29	
	\$1,611.29	\$1,621.29

Fire Prevention Tax

Amount of Warrant.....	\$133.25
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Expended

Paid State Treasurer.....	\$133.25	
	\$133.25	\$133.25

NON REVENUE

Fire Department, Order No. 8286

Purchase of Auto Hook and Ladder Truck

Receipts

Loan Authorized.....		\$5,000.00
No Expenditure, Balance to 1916.....	\$5,000.00	
	\$5,000.00	\$5,000.00

Private Sewers

(See Report of Eng. and Supt. of Public Works for details.)

Balance from 1914.....	\$168.33
Received Deposits of Estimates.....	4,461.13

Expended

Bills and Pay Rolls.....	\$4,089.87	
Refunded on Estimates.....	412.16	
Balance to 1916.....	127.43	
	\$4,629.46	\$4,629.46

Sewer Construction

Balance from 1914.....	\$4,050.78
Proceeds of Sale of Bonds.....	10,000.00
Sundry Cash Receipts.....	236.29
Transfer Bills.....	8,315.15

Expended

Transfer Bills, Pay Rolls and Bills Paid . . .	\$17,133.73	
Balance to 1916	5,468.49	
	\$22,602.22	\$22,602.22

Surface Drainage Construction

Balance from 1914	\$632.68
Proceeds from Sale of Bonds	15,000.00
Transfer Bills	6.57

Expended

Transfer Bills, Pay Rolls and Bills Paid . . .	\$13,966.19	
Balance to 1916	1,673.06	
	\$15,639.25	\$15,639.25

Highways—Continuous Walks

Balance from 1914	\$6,084.42
Loan Authorized	10,000.00
Assessments Collected	5,183.74
Transfer Bills	104.31

Expended

Transfer Bills, Pay Rolls and Bills Paid . . .	\$19,280.75	
Balance to 1916	2,091.72	
	\$21,372.47	\$21,372.47

Laying Cross Walks and Paving Gutters

Balance from 1914	\$366.62
Loan Authorized	2,000.00

Expended

Pay Rolls and Bills Paid	\$2,243.59	
Balance to 1916	123.03	
	\$2,366.62	\$2,366.62

Essex Street

Balance from 1914.....		\$18.05
Order No. 8787, Transfer to Highway Rep...	\$18.05	
	\$18.05	\$18.05

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East Foster Street—Construction

Balance from 1914.....	\$500.00
Transfer Bill.....	36.88

Expended

Pay Rolls and Bills.....	\$536.88	
	\$536.88	\$536.88

West Foster Street

Balance from 1914.....	\$.98
No Expenditure	

Main Street—Malden Line to Porter Street

Balance from 1914.....	\$.20
No Expenditures	

Church Street, Mountain Avenue and Hancock Street

Balance from 1914.....	\$113.20
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Expended

Bills and Pay Rolls.....	\$76.06	
Balance to 1916.....	37.14	
	\$113.20	\$113.20

Spear Street

Balance from 1914.....	\$2.03
No Expenditures	

Dyer Avenue

Balance from 1914.....	\$48.95
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Expended

Bills Paid.....	\$.65	
Balance to 1916.....	48.30	
	\$48.95	\$48.95

Richardson Road

Balance from 1914.....	\$2,500.00
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CITY OF MELROSE

Expended

Bills and Pay Rolls.....	\$2,500.00	
	\$2,500.00	\$2,500.00

Pine Street

Balance from 1914.....		\$176.03
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Expended

Bills Paid.....	\$170.10	
Balance to 1916.....	5.93	
	\$176.03	\$176.03

Grove Street, Lebanon to Larrabee

Balance from 1914.....		\$2,800.00
Transfer Bills.....		98.58

Expended

Bills and Pay Rolls.....	\$2,898.58	
	\$2,898.58	\$2,898.58

Grove Street, Larrabee Street to Swain's Pond Avenue**Receipts**

Loan Authorized.....		\$1,650.00
Transfer Bill.....		109.38

Expended

Bills and Pay Rolls.....	\$1,759.38	
	\$1,759.38	\$1,759.38

Corey Street and Culvert

Balance from 1914.....		\$2,800.00
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Expended

Bills and Pay Rolls.....	\$2,800.00	
	\$2,800.00	\$2,800.00

First Street—Eleventh Street to Waverly Avenue**Receipts**

Loans Authorized	\$2,200.00
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Expended

Bills and Pay Rolls	\$1,992.75	
Balance to 1916	207.25	
	\$2,200.00	\$2,200.00

Lynde Avenue Construction**Receipts**

Loan Authorized	\$2,300.00	\$2,300.00
Balance to 1916	\$2,300.00	
	\$2,300.00	\$2,300.00

Water Construction

(See Report of Eng. and Supt. of Public Works for details.)

Receipts

Balance from 1914	\$3,491.83
Proceeds of Sale of Bonds	10,000.00

Expended

Bills and Pay Rolls	\$12,316.35	
Balance to 1916	1,175.38	
	\$13,491.73	\$13,491.73

Tailing Account

Balance from 1914	\$184.70
Cash Received	1.66
No. Expenditure, Balance to 1916	\$186.36
	\$186.36

CITY OF MELROSE

TRUST FUNDS

Cemetery—Perpetual Care

Receipts

Balance from 1914.....		\$34,893. 50
Allen, G. A. & Middleburg, M. L.....	\$80.00	
Bailey, Mrs. Lucy O.....	80.00	
Bowker, Isabelle F.....	120.00	
Brock, Alonzo C.....	60.00	
Burns, Nicholas.....	30.00	
Carr, Anna E.....	30.00	
Clark, Henry W.....	50.00	
Coburn, Mrs. C. M.....	150.00	
Cox, John F., grave.....	15.00	
Dew, Mrs. S. S. B.....	80.00	
Dodge, Frank, 3 graves.....	45.00	
Dunn, Mrs. Maude E.....	90.00	
Estee, Mrs. M. A. W.....	150.00	
Faulkner, Helen E.....	60.00	
Garrett, Mrs. N. R., grave.....	15.00	
Glines, Mrs. Charlotte H.....	80.00	
Gourly, Edwin L., grave.....	15.00	
Gray, Miss L. P.....	80.00	
Grundy, Miss Rebecca.....	300.00	
Hubberly, Mrs. Martha A.....	80.00	
Herling, Mrs. Victoria E.....	30.00	
Leonard, Mrs. Florence E.....	30.00	
Lowell, R. B. W.....	50.00	
McAllister, Earl C.....	90.00	
McWhorter, Edith, grave.....	15.00	
Mayo, Elwyn E.....	90.00	
Mortenson, Margaret, Estate of, grave.....	15.00	
Oldson, George H.....	80.00	
Palmer, Mrs. Minnie E.....	80.00	
Parks, Mrs. S. E.....	80.00	
Restall, Charles S.....	30.00	
Smith, Harry A.....	90.00	
Stackpole, Mrs. M. E.....	45.00	
Trites, Mrs. A. L., grave.....	15.00	
Washburn, Mrs. G. E.....	30.00	
Welden, Obed B.....	45.00	
White, Clinton.....	229.00	
Whitney, Mrs. I. E.....	100.00	2,754.00
Balance to 1916		\$37,647.50

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Reserve Fund 15%

Balance from 1914.....	\$459.93
Transfers from Sundry Accounts.....	2,845.88

Expended

Bills Paid.....	\$459.93	
Balance to 1916.....	2,845.88	
	\$3,305.81	\$3,305.81

Water Loan Premium Fund

Balance from 1914.....	\$187.15
Received from Premiums.....	4.45

Expended

Transfer to Municipal Indebtedness.....	\$191.60	
	\$191.60	\$191.60

Sewer Loan Sinking Fund

Balance from 1914.....	\$193.40
Premium on Bonds Sold.....	8.90

Expended

Transfer to Municipal Indebtedness.....	\$193.40	
Balance to 1916.....	8.90	
	\$202.30	\$202.30

Surface Drainage Loan Premium Fund

Balance from 1914.....	\$146.90
Premium on Bonds Sold.....	63.40

Expended

Transfer to Municipal Indebtedness.....	\$48.30	
Balance to 1916.....	162.00	
	\$210.30	\$210.30

Continuous Walks Premium Fund

Balance from 1914.....	\$51.50
Premium on Notes Sold.....	37.50

Expended

Transfer to Municipal Indebtedness.....	\$46.50	
Balance to 1916.....	42.50	
	\$89.00	\$89.00

SINKING FUNDS

(See Report of Sinking Fund Commissioners for details.)

School House Loan

Balance from 1914.....	\$198,224.18
Receipts.....	8,125.63

Expended

Expenses and Payments.....	\$303.47
Balance to 1916.....	206,046.34
	\$206,349.81

Sewer Loan

Balance from 1914.....	\$236,019.38
Cash from City Treasurer, Assessments....	2,267.36
Receipts.....	9,988.74

Expended

Expenses and Payments.....	\$395.33
Balance to 1916.....	247,880.15
	\$248,275.48

Surface Drainage Loan

Balance from 1914.....	\$44,035.16
Receipts.....	1,967.37

Expended

Expenses and Payments.....	\$87.62
Balance to 1916.....	45,914.93
	\$ 46,002.55

\$46,002.55

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Water Loan

Balance from 1914.....	\$68,057.06
Receipts.....	3,067.66

Expended

Expenses and Payments.....		\$303.51
Balance to 1916.....		70,821.21
	\$71,124.72	\$71,124.72

SCHEDULE OF CITY PROPERTY

Brown Tail and Gypsy Moth

Personal Property.....	\$1,298.50
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Charity Department

Personal Property.....	\$1,618.13
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Fire Department

Central Fire Station on City Hall lot.....	\$20,000.00
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Hose No. 3.

Building.....	\$1,200.00	
10,267 ft. land.....	3,075.00	\$4,275.00

Hose No. 4.

Building.....	\$1,800.00	
5,625 ft. land.....	550.00	\$2,350.00
Personal Property.....		24,576.80
Fire Alarm System.....		15,485.71
		\$66,687.51

Health Department

Isolation Hospital Building.....	\$400.00	
Personal Property.....	197.48	\$597.48

CITY OF MELROSE

Public Parks

Ell Pond Park	\$20,500.00	
Melrose Common	10,000.00	
Sewall Woods Park	11,250.00	
Strip East Side Ell Pond	8,900.00	
Lot Grove and Myrtle Streets	4,475.00	
Lot Main and Lynde Streets	1,250.00	
Band Stand	275.00	
Bath House	250.00	
Boat, Life-saving Apparatus, etc.	35.00	
Two Fountains in Square	50.00	
Playground Apparatus in various parks	200.00	
Sanitary	25.00	
Settes and Bleachers	150.00	
Shelter at Knoll, Ell Pond Park	1,400.00	
Floats	200.00	\$58,960.00

Police Department

Personal Property	\$2,810.43	
Police Signal System	5,098.80	\$7,909.23

Public Library

Building	\$30,000.00	
30,000 ft. land	10,600.00	
Books	28,600.00	
Furniture and Fixtures	4,500.00	
Pictures, Statuary, Mounted Birds, etc., articles of use and ornament	2,500.00	\$76,200.00

School Department

Franklin School Building	\$30,000.00	
32,539 ft. land	9,500.00	
		\$39,500.00
Gooch School Building	25,000.00	
27,815 ft. land	4,450.00	
		\$29,450.00
High School Building	\$140,000.00	
106,385 ft. land	58,200.00	
		\$198,200.00
Lincoln School Building	\$30,000.00	
27,604 ft. land	6,900.00	
		\$36,900.00
Livermore School Building	\$17,000.00	
26,555 ft. land	6,650.00	
		\$23,650.00

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Ripley School Building.....	\$2,200.00	
14,748 ft. land.....	575.00	
		\$2,775.00
Sewall School Building.....	\$8,000.00	
14,748 ft. land.....	7,375.00	
		15,375.00
Warren School Building.....	14,000.00	
18,572 ft. land.....	2,300.00	
		16,300.00
Washington School Building.....	30,000.00	
30,784 ft. land.....	4,000.00	
		34,000.00
Whittier School Building.....	7,500.00	
15,000 ft. land.....	3,000.00	
		10,500.00
Winthrop School Building.....	11,000.00	
26,544 ft. land.....	1,600.00	
		12,600.00
Total Buildings and Land.....		\$419,250.00
Personal Property.....		75,970.00
		\$495,220.00

Sundries

Lot Chestnut St., 12,000 ft. land.....	\$2,400.00	
Lot Franklin St., 11,880 ft. land.....	3,325.00	
Lot Upham St., 11,440 ft. land.....	675.00	\$6,400.00

Sealer of Weights and Measures

Personal Property.....	\$585.00
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Wyoming Cemetery

Buildings.....	\$3,500.00	
Office.....	500.00	
47 3-4 acres land.....	31,700.00	
Water System.....	950.00	
Personal Property.....	175.00	\$36,825.00

Public Works Department

Auditorium and Soldiers' Building, land, furniture and fixtures.....	\$112,000.00
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City Hall

Building.....	\$75,000.00	
44,934 ft. land.....	67,400.00	
Furniture, Fixtures and sundries.....	10,000.00	\$152,400.00

Highway Division

Crusher lot, Maple Street, 17,326 ft. land ..	\$1,000.00	
Crusher lot, Linwood Ave., 132,877 ft. land ..	3,200.00	
Stone Crusher Plant, Tools, etc.....	4,800.00	
Road Rollers, Scrapers, Plows, Sprinkling Carts, etc.....	7,102.00	
Horses, Carts, Harnesses, Tools, etc.....	4,456.00	\$20,558.00

Sewer Division

Cost of Construction to Dec. 31, 1914.....	\$463,994.75	
Additional to Dec. 31, 1915.....	10,468.27	\$474,463.02

Surface Drainage

Cosr of construction to Dec. 31, 1914.....	\$175,401.61	
Additional to Dec. 31, 1915.....	12,150.82	\$187,552.43

Water Division

Cost of Construction to Dec. 31, 1914.....	\$452,502.08	
Additional to Dec. 31, 1915.....	12,527.54	\$465,029.62

RECAPITULATION

Brown Tail and Gypsy Moth.....	\$1,298.50	
Charity Department.....	1,618.13	
Fire Department.....	66,687.51	
Health Department.....	597.48	
Public Parks.....	58,960.00	
Police Department.....	7,909.23	
Public Library.....	76,200.00	
School Department.....	495,220.00	
Sundries.....	6,400.00	
Sealer of Weights and Measures.....	585.00	
Wyoming Cemetery.....	36,825.00	
Public Works Department:		
Auditorium and Soldiers' Memorial.....	112,000.00	
City Hall.....	152,400.00	
Highway Division.....	20,558.00	
Sewer Division.....	474,463.02	
Surface Drainage Division.....	187,552.43	
Water System Division.....	465,029.62	\$2,164,303.92

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